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AUTHOR Hines, Edward R.
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ABSTRACT

This report presents an overview and a preliminary analysis of the legislative decisions made during 1990 for the 1991 fiscal year on state tax appropriations for higher education in the 50 states. The data are aggregated from a monthly research report of state tax appropriations for operating expenses of higher education. Following an introduction a retrospective of 1991 discusses nationwide gains, 2-year gains among the states, and the "megastates" (i.e., those heavily populated states that annually appropriate more than one billion dollars for higher education); a regional view of fiscal year 1991 is also provided. An analysis of trends in state higher education support looks at regional and revenue variations among the states, state support to student financial aid, community colleges and principal state universities, and state budgeting concerns. There is also a comparison of higher education finance measures. A table ranks the states for appropriations per capita and per $1,000 personal income. A section "What the Figures Are Intended To Mean" provides a framework for the collection and presentation of data. The bulk of the publication consists of tables of data for each state, each table presenting appropriations to individual higher education institutions including appropriations for scholarships and sums destined for higher education but apporpriated to some other state agency for miscellaneous types of support to institutions or to students. For each table there is column for 1991 and a column for the previous fiscal year. (JB)

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APPROPRIATIONS OF STATE TAX FUNDS FOR OPERATING EXPENSES OF HIGHER EDUCATION

1990-91

Edward R. Hines
Center for Higher Education
Department of Educational Administration and Foundations
331 DeGarmo Hall
Illinois State University
Normal, IL 61761
(309) 438-5405

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202/ 778-0818

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STATE SUPPORT OF HIGHER EDUCATION: A RETROSPECTIVE OF FY1991

by Edward R. Hines

The Grapevine Data Base

This publication is the 31st consecutive report of state tax appropriations for the operating expenses of higher education in the 50 states. It continues the "longitudinal study of state tax support of higher education in the United States," begun in 1958 by M. M. Chambers at the University of Michigan. In 1960, the National Association of State Universities and Land-Grant Colleges (NASULGC) published the first volume in this series, and NASULGC has published this report annually since that time. The purpose of this introduction is to explain the nature of the report and the data which are presented herein. While consistency over time is one of the hallmarks of these data, there have been some additions and changes in recent years.

These figures reflect legislative decisions in the 50 states about state tax appropriations for the operating expenses of colleges and universities. These state tax appropriations data are reported by a network of state government and higher education officials in each of the states and are published three times during the year. Initially, the figures are compiled as soon as possible after legislative decisions are made and appear in the publication, Grapevine, the monthly research report edited by Edward R. Hines and published by the Center for Higher Education at Illinois State University. These state tax appropriations data then are published in somewhat abbreviated form in an October issue of The Chronicle of Higher Education. In addition, the Chronicle publishes two-year and ten-year percentage changes in both current and constant dollars. Until 1986, the Chronicle also published state tax appropriations per capita with state rankings and state tax appropriations per $1000 of personal income with state rankings. Beginning in 1988, the per capita and per $1000 of personal income figures and rankings have been published in Grapevine, usually in the December issue. These state tax appropriations data, finally, are published in complete form early in the calendar year by NASULGC.

The distinguishing features of these state tax appropriations data are enumerated in "What the Figures Are Intended to Mean," on page 15. These data have five predominant characteristics. First, only one source of revenue is represented, and that is state tax appropriations for colleges and universities. Admittedly the largest revenue source in the public sector and an important revenue source in the private sector, state tax funds are one among numerous sources of revenue for higher education. Other revenue sources include local tax appropriations which are of special importance to community colleges in a number of states. Student tuition and fees are important revenue sources; and, during the 1980s, became a controversial topic because of the extent to which it appeared as if student tuition was being used to supplant state taxes and general revenue funds as growth in state tax sources slowed considerably.

A second predominant characteristic of these data is that they represent appropriations and not actual expenditures. These appropriations are made by state legislatures and provide the funds from which expenditures are made. In some states, there is a point at which it becomes difficult to separate appropriations from expenditures. However, to the extent possible, Grapevine and this report contain only appropriations.

Third, these appropriations are reported by campuses and include appropriations for state coordinating or governing boards as well as appropriations for selected statewide programs which may be administered by the state coordinating or governing board, by a state scholarship agency, or by private or independent institutions (as long as the source of funds is state taxes). In a number of instances, sums actually appropriated to agencies other than higher education are included if the sums are destined for higher education, such as employee fringe benefit increases, medical and health education, and research.

A fourth characteristic of these data is that they do not include appropriations for debt service and for capital outlays of all types. Admittedly, the interest in building construction and facilities has increased greatly in recent years because of the ever-growing deterioration in the physical plants on college and university campuses, but Grapevine figures exclude capital appropriations.

A final characteristic of these data is that, beginning in 1987 in this volume and beginning in 1989 in Grapevine, revisions to the original appropriations are included. They are included most frequently in the column of data for the preceding fiscal year, which appears beside the column of current fiscal year appropriations. In the state tabulations, an "(R)" following the FY1989-90 heading indicates that revisions have been made for that year. Increasingly during the 1980s, revisions to the initial legislative appropriations were made either by state legislatures or by governors. Revisions can include reductions, which may be termed rescissions, reversions, or amounts withheld; data revisions also can reflect enhancements, additions, and supplements to the original legislative decision for higher education. The publications cycle requires that any revisions which are received by Grapevine by October 1st can appear in the October issue of the Chronicle, and revisions which are received by Grapevine by November 1st can appear in the NASULGC publication. Revisions received after these dates are held over until the following year.

The effect of these characteristics makes the publication of these data timely, accurate, and comprehensive. The data are timely because they are published as soon as possible after the legislative decisions are made. The data are accurate because of the inclusion of revisions which have occurred increasingly in the states. The data are comprehensive and reflect total state tax effort for higher education. The data only begin to approach being comparable. Comparability is not "claimed" because of the unique budgeting practices in the states which may make certain categories of data unique to a selected state and not generalizable across all states. Indeed, it is not possible to reflect both total state tax effort and comparability in one data set. Other data, collected and published later in the year, are available in other national reports which include the following: National Comparison of Financial Support for Higher Education by Jacquelyn Johnson of the Higher Education Coordinating Board, 917 Lakeridge Way, M.S. GV-11, Olympia, Washington 98504; State Profiles: Financing Public Higher Education by Kent Halstead of Research Associates, 2605 Klingle Road, N.W., Washington, D.C. 20008; and State Higher Education Profiles by the Center for Education Statistics, U.S. Department of Education, Washington, D.C. 20208.

Predominate Features in State Support for FY1991

Three predominate features identify trends in state higher education support for FY1991. First, over $40 billion dollars were appropriated by the states to higher education, and this was the first time that this amount nationwide exceeded $40 billion. Second, the dollar gain from FY1990 to FY1991 ($1.5 billion) was equal to the dollar gain reported in 1984 and 1987, and was the second smallest since 1980. Only in FY1983, following a nationwide recession, was the dollar gain for higher education smaller in amount ($1.3 billion). The third identifying characteristic for FY1991 was the percentage of gain which, in one-year and two-year percentage gains, was the smallest since Grapevine statistics began to be collected in 1958-59. From FY1990 to FY1991, there was only a 3.7% gain, and from FY1989 to FY1991 there was only a 11.6% gain.

Nationwide Gains

Table 1, Figure 1 (page 10), the 50-state summary table and the map (pages 13 and 14) present a statistical view of state higher education support. This year, FY1991, was the first time on record that state support for higher education did not double in magnitude over the ten-year period; there was a billion dollars less than a doubling in support from FY1981 ($20.9 billion) to FY1991 ($40.9 billion).

In dollars, the gain from FY1990 to FY1991 was one of the lowest experienced in recent years. However, since 1980, there have been five years where the dollar gains for higher education were less than 2.0 billion, in 1981, 1983, 1984, 1987, and the current year. Only in FY1983 was the dollar gain (1.3 billion) less than that experienced in FY1991, although the dollar gain in FY1984 and FY1987 equaled the dollar gain in FY1991.

The one-year and two-year percentage gains revealed that both the one-year percentage gain from FY1990 to FY1991 and the two-year percentage gain from FY1989 to FY1991 were the lowest on record, a 3.7% one-year gain and a 11.6% two-year gain. During the previous decade (FY1981 to FY1991), there was only one other year when the one-year percentage gain was less than five percent (4.8% in 1987). There were two years, however, when the two-year percentage gain was 12% or less (1988 and 1984). It should be noted that revisions were made in the original appropriations figures for FY1984 and FY1988 which raised the national two-year percentage gains by a small amount. Should an increase in total appropriations occur for FY1991, the two-year percentage gain could increase by a small amount.

Table 1

Fiscal Years	1981*	1982*	1983*	1984*	1985*	1986*	1987*	1988*	1989*	1990	1991
Billions of Dollars	20.9	23.1	24.4	25.9	28.4	30.7	32.2	34.4	36.6	39.4	40.9
1-Yr Gain ($billions)	1.7	2.2	1.3	1.5	2.5	2.3	1.5	2.2	2.2	2.8	1.5
1-Yr Gain (Percent)	9.6	10.1	5.6	5.9	9.7	8.0	4.8	6.8	6.3	7.6	3.7
2-yr Gain (Percent)	22.9	20.7	16.3	11.8	16.2	18.8	13.1	12.0	13.5	14.3	11.6

*Data for these fiscal years have not been revised from earlier reports.

Recent Trends in Two-Year Gains

Table 2 displays three groupings of states, according to whether or not there was a two-year percentage gain in FY1991 which was greater (an increase) or smaller (a decrease) than the two-year percentage gain reported for that state in FY1990. It is possible to observe trends over time by utilizing this table, which has been included in these "Retrospective Reports" since 1988. A summary of this chart for each year, going back to 1988, is shown in Table 3. It is clear that the trend observed in 1989 and in 1990--of an increasing number of states making gains in supporting higher education--was not continued in FY1991. This year, the trend virtually duplicates the pattern observed in 1988, as shown in Table 3, with only 17 states showing a percentage increase in two-year gains from the previous year, and in FY1991 26 states experiencing a decrease in two-year percentage gain for higher education from the previous year. FY1991 turned out to be an "off year" for higher education, much as 1988 was a year when far fewer states were able to make two-year percentage gains over the previous fiscal year.

Of the 17 states reporting an increasing two-year percentage gain from FY1990 to FY1991, two experienced "double-digit" gains including 15 points in Louisiana and 13 points in Idaho. In the remaining 15 states, there were "single-digit" gains.

Table 2

17 States with Increasing 2-Year Gains, FY90 to FY91			26 States with Decreasing 2-Year Gains, FY90 to FY91		
State	FY90*	FY91	State	FY90*	FY91
Alaska	6	9	Alabama	16	12
Georgia	16	18	Arkansas	6	3
Idaho	14	27	Colorado	14	9
Iowa	14	20	Connecticut	12	3
Kentucky	11	17	Florida	15	11
Louisiana	6	21	Hawaii	20	11
Michigan	8	11	Illinois	26	22
Minnesota	16	19	Kansas	23	18
Montana	4	11	Maine	25	21
Nebraska	27	30	Maryland	34	26
Nevada	30	35	Massachusetts	- 9	-20
New Mexico	13	21	Mississippi	20	4
Ohio	13	15	Missouri	20	16
Oklahoma	15	23	New Hampshire	11	1
Oregon	13	16	New Jersey	12	- 7
Utah	6	12	New York	11	3
Wisconsin	13	14	North Carolina	14	12
			Pennsylvania	16	12
Seven States with Identical 2-Year Gains, FY90 to FY91			Rhode Island	13	- 1
			South Carolina	18	12
			South Dakota	17	16
Arizona	14	14	Tennessee	14	8
California	13	13	Texas	18	15
Delaware	14	14	Vermont	20	11
Indiana	16	16	Virginia	21	5
North Dakota	12	12	West Virginia	6	4
Washington	17	17			
Wyoming	4	4			

*Unrevised from last year's report, with the exception of the FY1990 figure for North Dakota.

Table 3

Fiscal Year	1988	1989	1990	1991
Increasing	17	26	31	17
Decreasing	28	20	15	26
Identical	5	4	4	7

However, in the 26 states where there were decreases in two-year percentage gains from FY1990 to FY1991, six states experienced double-digit declines. There were declines of 19 points in New Jersey, 16 points in Mississippi and Virginia, 14 points in Rhode Island, 11 points in Massachusetts, and 10 points in New Hampshire. There were 20 other states with declines. In FY1991, seven states experienced identical gains from FY1990 to FY1991, and five of the seven were above the national average percentage gain of 11.6%.

The Megastates

The "Megastates of America," using a term coined by Neal Pierce in a book of the same title, refers to states which are highly populated, industrialized, and with relatively large higher education systems. The number of megastates, each of which annually appropriates more than one billion dollars for higher education, has grown from nine such states in FY1986 to 12 states in FY1991. This number is nearly one-quarter of the 50 states.

Of the 12 megastates, six reported two-year percentage gains which were greater than the national average of 11.6% (Illinois, Minnesota, Ohio, Texas, California, Pennsylvania); North Carolina had a two-year percentage gain equal to the national average; and five states were below the national average (Florida, Michigan, Virginia, New York, and New Jersey). Viewed in another light, however, four of the 12 states appeared in the top two quartiles of states, using two-year percentage gains (Illinois, Minnesota, Ohio, Texas), and the remaining eight states had two-year percentage gains which were in the bottom two quartiles.

A Regional View of FY1991

It is possible to arrange the 50 states according to their geographic location (quadrants) and according to the quartiles arranged in rank order of descending two-year percentage gains. Table 4 displays the states using quadrants and quartiles. Geographic quadrants were formed by dividing the United States into four relatively even regions by locating a national "center point" at the northeast corner of Missouri. The Mississippi River divides East from West, and the Ohio River and southern border of Pennsylvania divide Northeast from Southeast. Alaska is placed with the Northwest and Hawaii is placed with the Southwest. The Northwest has 11 states, the Southwest has 13, the Northeast has 14, and the Southeast has 12 states. The quartile grouping of states, based upon descending two-year percentage gains, may have varying numbers of states in a quartile in any one year due to the natural dividing lines between state groupings at specific percentage amounts. In this analysis for FY1991, 11 states were in the top quartile (19% to 35%), 13 states were in the second quartile (14% to 18%), 12 states were in the third quartile (10% to 13%), and 14 states were in the bottom quartile (- 20 to +9%).

In the top quartile of 11 states, only Nevada reported a two-year percentage gain of more than 30%, ten states had gains of 19% to 30%, 14 states ranged from 13% to 18%, and six states clustered at 12%. There were five states at 11%, and the remaining 14 states experienced either single-digit or negative gains from FY1989 to FY1991.

By combining the quartile grouping with geographic quadrants, observations can be made along regional lines. In the Northeast, only two states appeared in the top quartile while six states were in the bottom quartile. Similarly, only a single Southeastern state appeared in the top quartile while four Southeastern states were in the bottom quartile. Of the 14 Northeastern states, nine were in the bottom half and, of the 12 Southeastern states, eight were in the bottom half. The states west of the Mississippi River generally revealed a different and more positive pattern. In the Northwest, seven of 11 states were in the top half with four states in the top quartile. In the Southwest, eight of 13 states were in the top half and four were in the top quartile. Only two of 11 Northwest states were in the bottom quartile and only two states in the Southwest appeared in the bottom quartile.

Table 4

Quadrants	NW*	SW**	NE	SE	Totals
Quartiles					
Highest	4	4	2	1	11
Second	3	4	3	3	13
Third	2	3	3	4	12
Lowest	2	2	6	4	14
Totals	11	13	14	12	50

*Includes Alaska **Includes Hawaii

Analysis of Trends in State Support for FY1991

The purpose of this analysis is to begin to identify and to explain the trends and variations in support of higher education among the states. The discussion focuses on differences in revenue capacity and in the willingness of lawmakers to support higher education. Further explanation includes differences among states in support for student financial aid, state support to community colleges, and state support of principal state universities.

Regional Variations. In 1988, this author observed that: "FY1987 and FY1988 were characterized by clear economic resurgence in New England, a strong performance of coastal states, and severe economic difficulties in the Southcentral and Northern Plains regions." No longer does that observation apply, but, in fact, one might make nearly the opposite observation, based on state support for higher education in FY1991. Unlike earlier comparisons of the "Sunbelt versus the Rustbelt," or the "Northeast versus the Southwest," for FY1991 the observation would be "East versus West," although, admittedly, it is easy to gloss over differences within regions which may be as large and important as differences among regions. Nonetheless, some regional observations can be made.

It is clear that many states east of the Mississippi River experienced considerable difficulties in either maintaining or increasing their support to higher education in FY1991, as compared to previous years. With respect to the 14 Northeastern states, two states appeared in the top quartile (Illinois and Maine), yet the evidently strong performance of Illinois is mitigated by its 22% being a two-year percentage gain. In the single year from FY1990 to FY1991, Illinois' percentage gain was one percent; therefore, a two-year percentage gain masks a more negative reality. Shifting Illinois into the lowest quartile, for instance, would result in one-half of the 14 Northeastern states being in the bottom quartile. Of these seven states, four are in New England with Vermont in the third quartile. Thus, of the six New England states, only Maine is in the top half. A majority are in the bottom quartile. Similarly, Maryland is the only Southeast state in the top quartile; eight of the 12 Southeast states are in the bottom half.

Conversely, of the 24 states west of the Mississippi River, one-third (eight states) appeared in the top quartile and only half that number (four states) were in the bottom quartile. The Northern Plains states (Minnesota, South Dakota), the central farm states (Nebraska, Kansas, Missouri), and the South Central states (Louisiana, Texas, Oklahoma) did well as did the western states of New Mexico, Nevada, and Idaho.

Revenue Variations. Many variables affect whether or not states are able to support higher education. None is more critical than "ability" and "willingness." Ability to support a public service, such as higher education, is interpreted as the fiscal capacity of a state to support higher education, defined here as "state revenue capacity" and measured by the percentage of change in the state's general revenue fund from one year to the next. Of equal importance is the willingness of state legislators and governors to provide actual appropriations, defined here as "lawmaker willingness" and measured by the percentage increase in overall state tax appropriations from one year to the next. Finally, and more specifically, actual higher education effort is defined as the percentage increase in state tax appropriations over the most recent two-year period as measured by current Grapevine data.

These three variables are operationalized in Table 5. State revenue capacity is defined by data from a summer survey of legislative fiscal officers by the National Conference of State Legislatures (NCSL). As contained in Table 5, state revenue capacity is based on the projected growth rate in state general fund revenue from FY1990 to FY1991. Lawmaker willingness is an estimate by legislative fiscal officers of the extent of growth in total state appropriations from FY1990 to FY1991. State higher education effort is derived from the actual state tax appropriations provided by each state to Grapevine as soon as possible after legislative decisions on higher education were made.

The states shown in Table 5 were those which showed either the highest or the lowest percentage gains in state tax appropriations from FY1989 to FY1991. There were 10 states in each grouping. The high group had a 24.6% mean two-year gain for higher education while the low grouping had a -.6% two-year gain for higher education. In total state appropriations, the high and low states demonstrated a 9.8% gain and a 4.0% gain, respectively. Similarly, in state revenue capacity, there was an 8.5% gain for the high group and a 6.9% gain for the low group. The states making greater higher education effort clearly were those having a greater revenue capacity as well as a willingness to support statewide services, in general.

Also shown in Table 5 are the means for state revenue capacity, lawmaker willingness, and higher education effort for the most recent five years. Interestingly, in revenue capacity, the difference between the highest and lowest state groupings has narrowed from 7.7 points in FY1987 to 1.6 points in FY1991. This indicates that there are smaller differences between top and bottom state groupings in revenue capacity over time. There is less of a difference in states' "ability to pay" between the high and low states, indicating that the availability of revenue has been diminishing, generally. Comparatively, in state tax appropriations increases over the five years, there are consistent differences between the high and low states. The differences diminish moderately over time, but there is a comparatively larger difference between the high and low state groupings. This indicates that, despite the fact that states are in the position of having less revenue which is available to be appropriated to such areas as higher education, they still make as strong an effort as possible in making overall appropriations, however, the states' effort to support higher education is inconsistent. Some states receive very little increase in state tax support; indeed, in three of the five most recent years, the bottom group of states has demonstrated a decline in state support, as shown by a negative figure for these states.

Table 5

TOP TEN TWO-YEAR GAINERS				BOTTOM TEN TWO-YEAR GAINERS			
States	General Fund Increase[1]	State Approp Increase[1]	Higher Education Increase[2]	States	General Fund Increase[1]	State Approp Increase[1]	Higher Education Increase[2]
	1-year %	1-year %	2-year %		1-year %	1-year %	2-year %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Nevada	7.1	14.7	35	Mississippi	5.3	3.9	4
Nebraska	19.7	12.0	30	Wyoming	2.1	5.4	4
Idaho	5.1	15.1	27	West Virginia	2.0	1.1	4
Maryland	9.1	3.9	26	New York	2.9	3.0	3
Oklahoma	14.0	18.6	23	Arkansas	3.8	3.8	3
Illinois	4.9	3.4	22	Connecticut	6.3	0.9	3
New Mexico	7.7	6.6	21	New Hampshire	7.7	6.1	1
Louisiana	1.2	6.3	21	Rhode Island	8.9	4.4	- 1
Maine	11.7	7.7	21	New Jersey	15.9	8.3	- 7
Iowa	4.8	9.7	20	Massachusetts	13.7	3.3	- 20
Mean in FY91	8.5	9.8	24.6	Mean in FY91	6.9	4.0	- 0.6
Mean in FY90	5.7	10.4	25.3	Mean in FY90	4.2	3.4	4.8
Mean in FY89	7.3	9.1	25.2	Mean in FY89	- 0.3	1.5	0.2
Mean in FY88	7.2	7.7	23.0	Mean in FY88	5.1	0.8	- 5.3
Mean in FY87	5.6		26.1	Mean in FY87	- 2.1		- 0.4

Sources: [1]Eckl, Corina L., Hutchinson, Anthony M., and Snell, Ronald K. State Budget and Tax Actions 1990. Denver, CO: National Conference of State Legislatures.
[2]Grapevine

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State Support for Student Financial Aid. State tax appropriations data, as reported in Grapevine, are intended to be used for aggregate analysis at the state level. More specific line items, such as state support of state scholarship programs, are not intended to be analyzed utilizing Grapevine data. At the same time, in the reports submitted by states to Grapevine, it is possible to identify a specific item for student financial aid where states reported student aid separately. In the data for FY1991, there were 36 states where student aid was identified as a separate item. The reader is cautioned that this cannot be interpreted to mean that there are only 36 states where state resources are used for student aid. In these 36 states, there was a 30.8% two-year gain in student financial aid programs. This figure is nearly three times that of the national average of 11.6% two-year gain in state tax support for higher education. In 24 of the 36 states, there was a greater percentage gain in student aid, than there was a percentage gain in total higher education support in each state. Conversely, in only 12 states there were smaller percentage gains in state student aid, compared to total higher education support in each state.

State Support to Community Colleges. State tax support to community and public two-year colleges is an important source of revenue. In recent years, this report has identified that on a national basis percentage gains in support to community colleges usually are one or two percentage points greater than state higher education support in each state. FY1991 was no exception; two-year percentage gains in state tax support of community colleges were more than five points greater than total higher education support in each state. In 41 of the states, it was possible to identify specific amounts indicating state appropriations to community colleges. There was a 16.8% two-year percentage gain for community colleges, compared to an 11.6% national average two-year percentage gain for higher education. Furthermore, in 26 of the 41 states the percentage gains in state support of community colleges were greater than the two-year percentage gains to higher education in each state. In only 14 states were the percentage gains to community colleges smaller than the percentage gains to higher education in each state. In one state, the percentage gain in community college support was equal to the percentage gain to higher education.

State Support of Principal State Universities. Readers are cautioned that it is not the purpose of state tax appropriations data, as published in Grapevine, to isolate discrete items for comparative analysis. Yet, in the FY1991 data, another feature "stood out" and preliminary comment may be warranted. The principal state universities are those major research universities which may serve as the "flagships" of the respective state higher education systems. These institutions often but not always include the land-grant universities. In recent years, it has been common for these principal state universities to receive an appropriations amount which brings their two-year percentage gains to a level equal to or exceeding the percentage gains in higher education support in each state. This year, in FY1991, a different pattern emerged where the two-year percentage gains in support to principal state universities were often less than the percentage gains in higher education support in each state. Principal state universities were identified in 47 states. In those 47 states, there was an average 11.47% two-year gain in support of the principal state universities. This amount is very close to the national average of 11.6% two-year gain.

Yet, in 32 of the 47 states, two-year percentage gains experienced by principal state universities were smaller than the two-year percentage gains experienced by the states. In only nine states were the two-year percentage gains by principal state universities greater than the percentage gains by the states. In six states, there was an identical two-year percentage gain by the principal state universities and by the states. It appears, for instance, that in FY1991 support to areas such as the state college system, student aid, or the community college system, was enriched. There is no reason to believe, and these data do not support, any observation about a decision not to fund principal state universities to the level that they had been funded in

recent years. Yet, it can be observed that the percentage gains in state support to these research universities, compared to gains in state support to state colleges, were a bit lower this year.

State Budgeting Concerns. Changes in the original legislative appropriations occurred in a relatively larger number of states, causing revisions in the original figures submitted to Grapevine. In a number of instances, these were "last-minute" changes submitted by telephone or fax to Grapevine just prior to publication in The Chronicle of Higher Education in October. The magnitude and the number of these changes give rise to a hypothesis about there being uncertainty in the state budgeting process for higher education, perhaps reflecting larger fiscal and economic concerns in the states. These concerns, given the instability in the financial and global markets as this report is written in October 1990, may be associated with greater uncertainly in state budgeting for higher education than has been experienced in recent years.

Summary

In summary, this report has dealt with state tax appropriations for the operating expenses for higher education for FY1991. It was observed that there had been a marked change in state higher education support from FY1990 to FY1991 with the current year witnessing lower two-year percentage gains for higher education, and a regional pattern characterized by fiscal problems in the East and relatively stronger support for higher education in the West. In addition, there was a stronger pattern of state support for student financial aid, as measured by two-year percentage gains, than had been observed in recent years. There was a stronger pattern of state support to community colleges than experienced by individual states. While state support of principal state universities is comparable in percentages of gain to total higher education support in each state, there was a majority of states where actual percentage gains in support to research universities were a bit less than percentage gains experienced by individual states. Finally, the instability in national and global financial markets gives rise to concerns and uncertainties about the process of state budgeting for higher education.

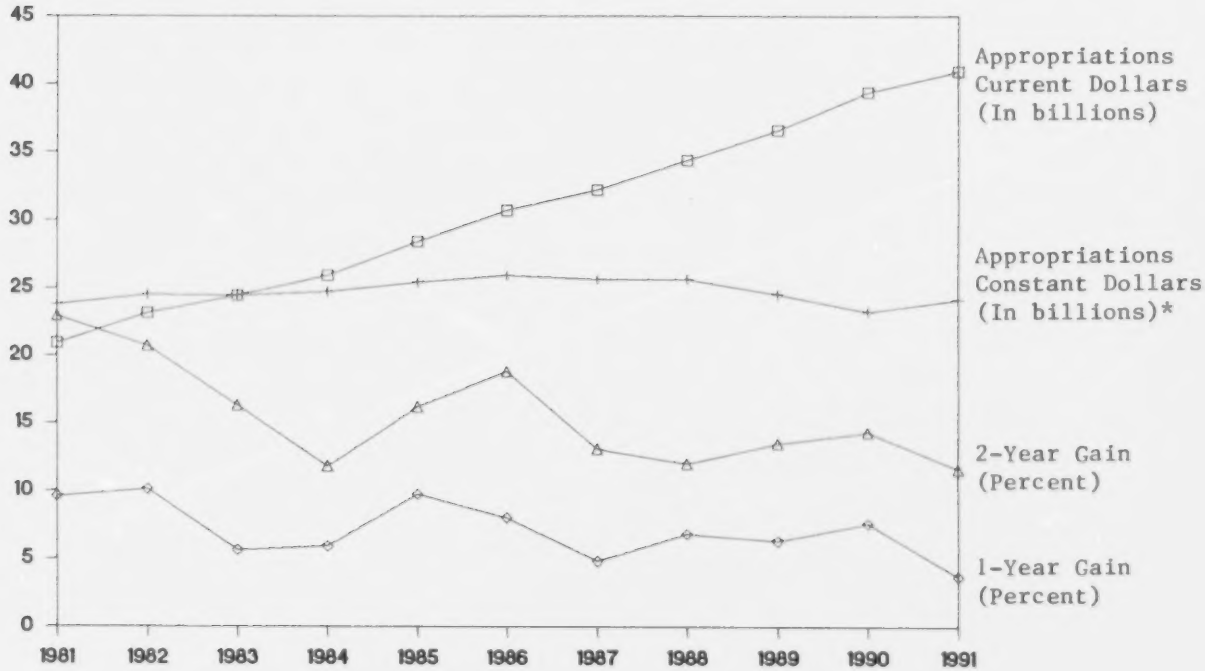
Comparative Higher Education Finance Measures

Comparative higher education finance measures are used widely by researchers and analysts in making comparisons among states in effort for higher education. Two of the more commonly used such measures are appropriations per capita and per $1,000 of personal income. These two measures are displayed on the following page.

For 15 years, these measures were published by The Chronicle of Higher Education, along with the state tax appropriations data which appear in monthly issues of Grapevine. Beginning in 1987, these measures were no longer published in the Chronicle. They appear in a mid-winter issue of Grapevine, as well as being included in this volume.

Caution must be exercised in utilizing and interpreting these two comparative measures, because they use only state tax appropriations as a single revenue source. While state tax appropriations are the largest revenue source in the public sector and are an important revenue source in the private sector, a more complete analysis needs to incorporate more sources of revenue. These would include local taxes, student tuition, and non-tax sources.

Nonetheless, with the approval of the Grapevine Advisory Committee and with this cautionary note, these measures are included as a service to readers.



*Adjusted by Higher Education Price Index, using 1983 as the base year. Source: Higher Education Price Indexes, 1990 Update, by Kent Halstead, Research Associates of Washington, DC.

Figure 1. State Higher Education Support During the 1980s

RANKINGS OF THE STATES ON APPROPRIATIONS OF STATE TAX FUNDS FOR OPERATING EXPENSES OF HIGHER EDUCATION, PER CAPITA AND PER $1,000 PERSONAL INCOME, FY1990-91

State	Higher Ed Appropriations ($1,000s)	Appropriations Per Capita ($)	Rank	Appropriations Per $1,000s Income ($)	Rank
(1)	(2)	(3)	(4)	(5)	(6)
Alabama	866,989	210.54	7	15.45	4
Alaska	181,834	345.04	1	15.94	3
Arizona	613,806	172.61	22	10.92	19
Arkansas	319,014	132.59	43	10.28	24
California	6,100,723	209.91	8	10.53	21
Colorado	516,793	155.80	29	8.88	37
Connecticut	485,846	150.00	32	6.08	47
Delaware	122,391	181.86	15	9.84	29
Florida	1,632,302	128.82	44	7.30	44
Georgia	961,283	149.36	33	9.30	34
Hawaii	297,625	267.65	2	14.49	7
Idaho	183,997	181.46	16	13.24	12
Illinois	1,722,530	147.76	35	7.85	41
Indiana	876,162	156.65	28	9.93	27
Iowa	576,924	203.14	10	13.12	14
Kansas	458,895	182.61	14	11.07	18
Kentucky	607,445	162.98	24	11.86	15
Louisiana	585,729	133.67	42	10.35	22
Maine	195,912	160.32	26	9.86	28
Maryland	885,085	188.56	12	8.97	36
Massachusetts	697,248	117.92	48	5.32	49
Michigan	1,486,694	160.33	25	9.19	35
Minnesota	1,028,528	236.28	4	13.38	10
Mississippi	443,597	169.25	23	14.43	8
Missouri	637,378	123.55	46	7.58	43
Montana	116,648	144.72	37	10.28	23
Nebraska	329,121	204.30	9	13.23	13
Nevada	163,324	147.01	36	7.63	42
New Hampshire	72,959	65.91	50	3.25	50
New Jersey	1,055,893	136.49	41	5.74	48
New Mexico	335,466	219.55	6	16.71	2
New York	3,142,943	175.09	19	8.31	39
North Carolina	1,484,279	225.88	5	14.86	5
North Dakota	129,756	196.60	11	14.49	6
Ohio	1,520,055	139.37	40	8.51	38
Oklahoma	509,471	158.02	27	11.16	17
Oregon	420,047	148.95	34	9.36	31
Pennsylvania	1,421,710	118.08	47	6.84	45
Rhode Island	141,139	141.42	39	7.88	40
South Carolina	644,726	183.58	13	13.47	9
South Dakota	91,415	127.85	45	9.34	32
Tennessee	743,821	150.57	31	10.25	25
Texas	2,579,342	151.81	30	9.67	30
Utah	295,884	173.34	20	13.25	11
Vermont	59,830	105.52	49	6.45	46
Virginia	1,077,934	176.77	17	9.34	33
Washington	840,231	176.48	18	10.00	26
West Virginia	262,731	141.48	38	11.46	16
Wisconsin	843,543	173.32	21	10.54	20
Wyoming	120,719	254.15	3	17.54	1
Totals	40,887,722	165.11		9.39	

Sources: Appropriations data from Grapevine. Population from Census Bureau, estimate of resident population, July 1, 1989, as reported in "Almanac," Chronicle of Higher Education, September 5, 1990. Personal income, 1988-1989, from U.S. Department of Commerce, Bureau of Economic Analysis, August 22, 1990, Table 3.

Acknowledgments

The contributions of many individuals go into the production of these summary documents and Grapevine each month. The producers of state tax appropriations data include a network of "correspondents" in the 50 states, and their willing and consistent efforts provide a solid foundation for Grapevine.

The Advisory Committee, formed in 1984, includes those persons whose names appear below. The Advisory Committee meets annually during the In-service Education Program of the State Higher Education Finance Officers. These experts have provided invaluable technical and policy advice which has enabled Grapevine to maintain its original purpose of providing timely data while being improved significantly in accuracy in recent years.

This volume is the 31st consecutive annual report published by the Office of Communications Services at the National Association of State Universities and Land-Grant Colleges. Their continued interest and assistance are appreciated very much.

Especial appreciation goes to Sheryl Samuelson for her attention to many details in the production of this document. To Gwen B. Pruyne, Managing Editor, the heartfelt thanks of Grapevine readers, as well as myself, are extended.

Edward R. Hines, Ph.D.
Grapevine Editor
Professor of Education Administration
Illinois State University
Normal, IL 61761

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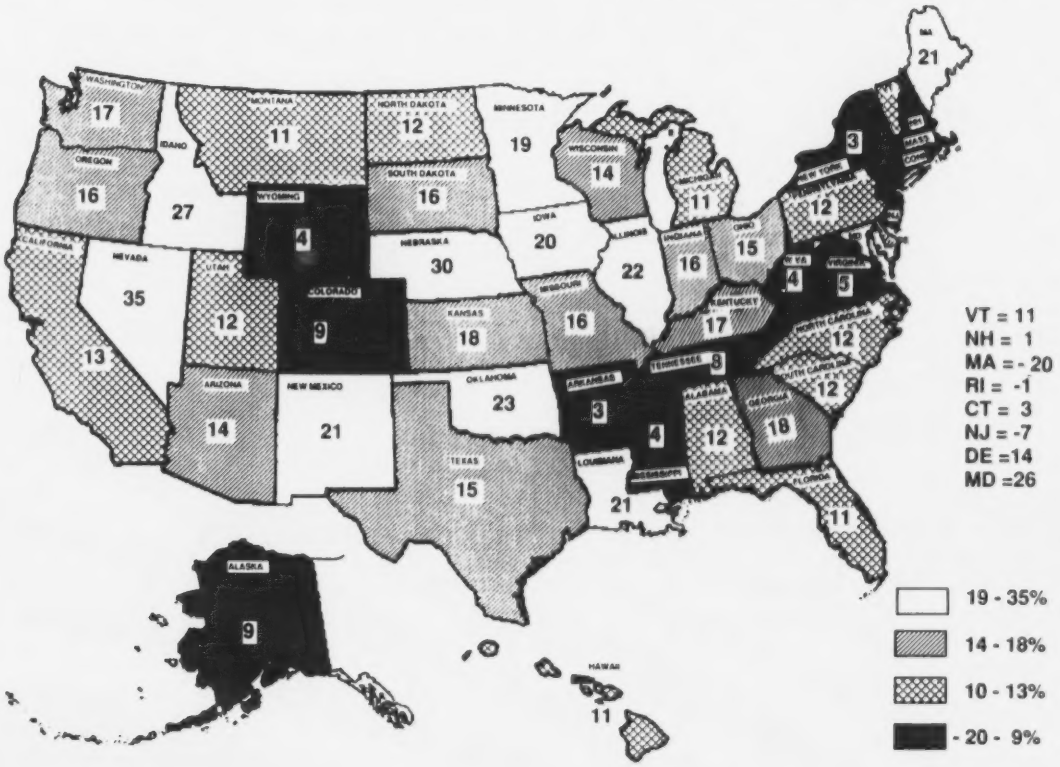
APPROPRIATIONS OF STATE TAX FUNDS FOR OPERATING EXPENSES OF HIGHER EDUCATION FOR FISCAL YEARS 1980-81, 1988-89, AND 1990-91, WITH PERCENTAGES OF GAIN OVER THE MOST RECENT TWO AND TEN YEARS.
(In thousands of dollars)

States	Year 1980-81	Year 1988-89	Year 1990-91	2-yr gain Percent	10-yr gain Percent
(1)	(2)	(3)	(4)	(5)	(6)
Alabama	384,848	775,344	866,989	12	125
Alaska	127,161	166,814	181,834	9	43
Arizona	280,446	538,014	613,806	14	119
Arkansas	187,567	310,795	319,014	3	70
California	3,178,707	5,396,436	6,100,728	13	92
Colorado	263,984	475,181	516,793	9	96
Connecticut	209,800	473,716	485,846	3	132
Delaware	63,811	107,515	122,391	14	92
Florida	718,509	1,472,625	1,632,302	11	127
Georgia	431,929	812,299	961,283	18	123
Hawaii	137,573	267,472	297,625	11	116
Idaho	94,146	144,987	183,997	27	95
Illinois	1,001,248	1,417,662	1,722,530	22	72
Indiana	445,850	755,614	876,162	16	97
Iowa	309,039	482,480	576,924	20	87
Kansas	259,859	387,969	458,895	18	77
Kentucky	307,572	519,683	607,445	17	97
Louisiana	398,325	483,033	585,729	21	47
Maine	62,622	162,482	195,912	21	213
Maryland	367,701	700,598	885,084	26	141
Massachusetts	322,498	868,426	697,248	-20	116
Michigan	757,770	1,342,033	1,486,694	11	96
Minnesota	489,955	861,462	1,028,528	19	110
Mississippi	261,409	425,671	443,597	4	70
Missouri	342,685	551,755	637,378	16	86
Montana	67,348	105,277	116,648	11	73
Nebraska	166,155	253,431	329,121	30	98
Nevada	62,107	121,249	163,324	35	163
New Hampshire	32,919	72,454	72,959	1	122
New Jersey	520,275	1,139,597	1,055,893	-7	103
New Mexico	162,015	276,222	335,466	21	107
New York	1,644,361	3,047,894	3,142,943	3	91
North Carolina	660,645	1,329,606	1,484,279	12	125
North Dakota	61,822	115,723	129,756	12	110
Ohio	685,292	1,320,808	1,520,057	15	122
Oklahoma	271,180	415,192	509,471	23	88
Oregon	250,443	361,188	420,047	16	68
Pennsylvania	788,141	1,268,930	1,421,708	12	80
Rhode Island	84,111	142,291	141,139	-1	68
South Carolina	344,492	577,489	644,726	12	87
South Dakota	51,134	78,576	91,415	16	79
Tennessee	341,087	686,235	743,821	8	118
Texas	1,464,881	2,245,958	2,579,342	15	76
Utah	155,611	263,964	295,883	12	90
Vermont	30,459	53,855	59,830	11	96
Virginia	511,737	1,031,167	1,077,934	5	111
Washington	467,717	719,437	840,231	17	80
West Virginia	167,717	253,525	262,731	4	57
Wisconsin	511,067	738,670	843,543	14	65
Wyoming	70,504	116,183	120,719	4	71
Totals	20,978,234	36,634,987	40,887,720		
Weighted average percentages of gain				12	95

PERCENTAGES OF TWO-YEAR GAINS IN APPROPRIATIONS OF STATE TAX FUNDS FOR ANNUAL OPERATING EXPENSES OF HIGHER EDUCATION IN THE FIFTY STATES, FISCAL 1991 OVER FISCAL 1989



Map by Illinois State University Graphics

WHAT THE FIGURES ARE INTENDED TO MEAN

The ground rules used to achieve an approach to uniformity of reporting are enumerated below. Diversities of practices among the 50 states make it impossible to eliminate all inconsistencies and to accomplish absolute comparability among states and among institutions. We emphasize that comparisons are of limited usefulness but have value if correctly interpreted.

1. Report only appropriations; not actual expenditures.

2. Report only sums appropriated for annual operating expenses.

3. For the state tax appropriations in complex universities, set out separately the sums appropriated for (or allocated to) the main campuses, branch campuses, and medical centers (even if on the main campus). The medical center item should include operation of colleges of medicine, dentistry, pharmacy, nursing, and teaching hospitals, either lumped as one sum or set out separately as preferred.

4. Include:

   - o sums appropriated for state aid to local public community colleges and for operation of state-supported community colleges, and for vocational-technical two-year colleges or institutes which are predominantly for high school graduates and adult students.

   - o sums appropriated to statewide coordinating boards or governing boards, either for board expenses or for allocation by the board to other institutions or both.

   - o sums appropriated for state scholarships or other student financial aids.

   - o sums destined for higher education, but appropriated to some other state agency. Examples: funds intended for faculty fringe benefits may be appropriated to the State Treasurer and disbursed by that office; certain funds for medical and health education may be appropriated to the state department of health and disbursed from that department. Sometimes these sums have to be estimated because the exact amount disbursed cannot be known until after the end of the fiscal period.

   - o appropriations directed to private institutions of higher education at all levels.

5. Exclude:

   - o appropriations for capital outlays and debt service.

   - o appropriations of sums derived from federal sources, student fees, auxiliary enterprises, and other non-tax sources.

ALABAMA

Table 1. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Alabama.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90	1990-91
(1)	(2)	(3)
University of Alabama		
Tuscaloosa	86,706	95,905
Birmingham	63,320	67,262
School of medicine	49,189	67,941
School of dentistry	10,062	
School of optometry	4,782	
University hospitals	22,862	30,739
Subtotal, U of A, B	150,215	165,942
Huntsville	24,776	27,282
First professional health	4,535	4,952
Subtotal, U of A, H	29,311	32,234
Mental health transfer	4,212	4,422
Subtotal, U of A,	270,444	298,503
Auburn University System		
Auburn U, Main Campus	81,534	91,387
Veterinary medicine	11,661	13,202
Veterinary clinic	292	366
Agricultural programs	39,444	43,089
Subtotal, AU-mc,	132,931	148,044
Montgomery campus	13,716	15,200
Subtotal, AU,	146,647	163,244
University of South Alabama	30,816	32,439
College of Medicine	16,685	17,506
U hospital, clinics, program	8,057	10,579
Subtotal, USA,	55,558	60,524
Troy State U System		
TSU Main campus	15,640	17,463
TSU, Montgomery	3,092	3,514
TSU, Dothan-Ft Rucker	2,782	3,154
Subtotal, TSU	21,514	24,131
Jacksonville State University	21,570	23,262
Alabama A&M University	20,311	22,303
Alabama State University	19,343	21,056
University of North Alabama	15,862	17,058
University of Montevallo	11,393	11,961
Livingston University	6,816	7,180
Athens State College	4,006	5,240
Senior institutions	593,464	654,462
Junior Colleges	89,858	179,848
Voc-Tech schools & programs	66,204	
Postsec Ed Dept	3,962	2,110
Private Institutions	2,575	5,706
Pvt school student grants	3,488	5,500
Marine environment consortium	1,122	1,958
Medical scholarships		677
Dental scholarships		176
Optometric scholarships		149
Chiropractic scholarships		49
AL National Guard scholarships		201
Comm on Higher Ed*	1,800	1,575
Student aid program	4,459	3,261
Academic Libraries		1,086
Special project funds		1,060
Eminent Scholars		2,000
EPSCOR research consortium		1,000
Other statewide	5,700	783
Dept of Veterans Affairs	4,009	4,409
Small business consortia		580
So Regional Ed Bd		399
Total	776,641	866,989

ALASKA

Table 2. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Alaska.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90 (R)	1990-91
(1)	(2)	(3)
University of Alaska		
Fairbanks	50,309	50,873
Rural College	5,510	6,011
Rural College/Chukchi	932	925
Rural College/Kuskokwim	2,785	2,847
Rural College/Northwest	1,086	1,138
Organized research	11,754	12,174
Fisheries-Ocean Science	4,698	4,699
Coop extension service	3,366	3,178
Subtotal, U of A, F	80,440	81,845
Anchorage	37,930	40,277
Kenai Peninsula College	2,281	2,302
Kodiak College	1,460	1,457
Matanuska-Susitna College	1,739	1,743
Prince William Sound Comm C	1,546	1,560
Ctr Internatl Business	620	600
Organized research	1,483	1,243
Mines & Petroleum	76	120
Subtotal, U of A, A	47,135	49,302
Southeast		
Juneau	8,686	9,288
Sitka	1,285	1,434
Ketchikan	1,079	1,076
Subtotal, U of A, S	11,050	11,798
Statewide programs & services		
Vocational-technical ed	9,236	9,214
Network	6,071	5,819
Other	6,858	6,347
Subtotal, St-wide	22,165	21,380
Subtotal, U of A	160,790	164,325
WICHE	1,160	1,160
Student financial aid	10,000	10,000
Postsecondary Education Comm	6,013	6,349
Total	177,963	181,834

ARIZONA

Table 3. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Arizona.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90	1990-91
(1)	(2)	(3)
University of Arizona	189,265	203,053
College of medicine	43,213	45,533
Subtotal, U of A,	232,478	248,586
Arizona State U, Tempe	175,977	187,581
West campus	14,255	25,315
Subtotal, ASU,	190,232	212,896
Northern Arizona University	63,139	70,082
Board of Regents and WICHE	5,584	6,704
Subtotal, State U's,	491,433	538,268
State aid to comm colls	78,549	75,538
Total	569,982	613,806

ARKANSAS

Table 4. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Arkansas.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90	1990-91
(1)	(2)	(3)
U of Arkansas System		
Fayetteville campus	61,305	62,194
Medical sciences	50,329	51,038
Ag experiment stations	14,618	14,853
Coop extension service	14,507	14,706
Archeological survey	828	840
Little Rock campus	30,089	30,520
Pine Bluff campus	11,925	12,095
Monticello campus	6,969	7,070
System administration	1,575	1,596
Subtotal, U of A	192,145	194,912
Arkansas State U	28,168	28,592
Beebe branch	3,208	3,268
Subtotal, ASU	31,376	31,860
Southern Arkansas U	8,366	8,465
El Dorado branch	1,349	1,366
Technical branch	3,344	3,407
Subtotal, SAU	13,059	13,238
U of Central Arkansas	22,283	22,610
Arkansas Tech U	12,217	12,390
Henderson State U	9,729	9,867
Community Colleges	23,690	24,003

(Continued in the next column)

ARKANSAS (Continued from the preceding column)

So Regional Education Board	100	100
Dental & vet aid	1,475	1,467
Other dental, vet, optometry	730	720
State scholarship aid (SSIG)	3,788	3,608
Dependents & survivors aid	60	60
Other state scholarships	903	909
Other appropriations	3,270	3,270
Total	314,825	319,014

CALIFORNIA

Table 5. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in California.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90	1990-91
(1)	(2)	(3)
University of California	2,075,977	2,185,165
California State U	1,968,633	2,045,644
Hastings College of Law	13,272	13,521
California Maritime Academy	6,930	6,968
Community Colleges	1,563,907	1,685,733
Student Aid	153,543	160,175
Other	3,502	3,522
Total	5,785,764	6,100,728

COLORADO

Table 6. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Colorado.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90	1990-91
(1)	(2)	(3)
University of Colorado*	139,863	146,856
Health Sciences Center**	43,870	26,573
Subtotal, U of C,	183,733	173,429
State Board of Agriculture***	77,312	80,727
Ag experiment station	7,296	7,747
Ag extension service	7,022	7,406
Veterinary medicine & hosp	5,655	5,907
Forest service	2,928	3,154
Subtotal, St Bd of Ag	100,213	104,941
U of Northern Colorado	28,617	29,618
Colorado School of Mines	10,672	11,362
Trustees of State Colls+	48,297	52,072

(Continued on the next page)

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COLORADO (Continued from the preceding page)		
St Bd Comm Colls and Occupational Education		
State Community Colleges	58,253	64,512
State aid-district jr coll	13,921	14,779
Occupational education	26,911	27,121
Subtotal, SBCCOE	99,085	106,412
Auraria Higher Ed Center++		
Council on Arts and Humanities	1,309	1,536
State Historical Society	1,556	1,607
Colorado Advanced Tech Inst	2,516	
Commission on Higher Education	910	1,555
Student aid	28,222	33,090
Vet and Ntl Guard tuition	364	421
Other	500	750
Subtotal, CCHE,	29,996	35,816
Total	505,994	516,793

*Appropriated to the Board of Regents for allocation to the campuses at Boulder, Denver, and Colorado Springs.

**Includes sums for indigent medical care.

***The State Board of Agriculture governs the U of Southern Colorado, Ft. Lewis College, and Colorado State U.

+Includes Mesa State College, Metropolitan State College, Western State College and Adams State College.

++Funded by transfers from the Regents of the U of Colorado, Trustees of State Colleges and the State Community Colleges.

CONNECTICUT

Table 7. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Connecticut.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90 (R)	1990-91
(1)	(2)	(3)
University of Connecticut	134,371	141,442
Health center	58,795	55,908
Subtotal, U of C,	193,166	197,350
State Universities -		
Central	31,048	32,752
Southern	30,285	31,917
Western	15,684	16,396
Eastern	13,177	14,160
Central office	2,039	3,113
Subtotal, S U's,	92,233	98,338
CNVR Higher Education Center	3,322	3,265
Community colleges	61,704	67,659
Technical colleges	18,930	17,496
Department of Higher Ed	4,105	4,090
Payment to others	21,095	20,793
Bd for State Academic Awards	628	665
New Eng Bd of Higher Ed	245	264
Fringe benefits (est)	68,425	75,926
Total	463,853	485,846

DELAWARE

Table 8. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Delaware.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90	1990-91
(1)	(2)	(3)
University of Delaware*	61,951	64,850
Scholarships/financial aid	4,126	4,421
State geologist**	1,065	1,079
Sea grant	373	374
Subtotal, U of D,	67,515	70,724
Delaware State College***	17,461	18,349
Inst of Med Ed & Research	1,707	1,557
Inst of Veterinary Med Ed	166	130
Inst of Dental Ed & Research	94	94
Technical & Comm Colleges****	26,756	29,629
Postsecondary Ed Commission	1,842	1,908
Total	115,541	122,391
	(In $1,000s)	
*Includes "one time funds"	213	35
**Includes "one time funds"	203	203
***Includes "one time funds"	150	205
****Includes "one time funds"	79	35

FLORIDA

Table 9. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Florida.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90 (R)	1990-91
(1)	(2)	(3)
State University System		
University of Florida	181,766	177,994
Health center	86,226	91,052
Inst of Food & Ag Science	93,253	99,313
Subtotal, U of F	361,244	368,359
University of South Florida	127,015	128,620
Medical center	45,182	46,753
Subtotal, U of SF	172,197	175,373
Florida State U	138,602	138,569
Florida International U	72,788	71,979
U of Central Florida	65,419	68,142
Florida Atlantic U	52,199	55,843
Florida A&M U	43,240	43,846
U of West Florida	31,875	32,983
U of North Florida	26,444	27,438
System reserve	4,724	7,682

(Continued on the next page)

FLORIDA (Continued from the preceding page)		
Board of Regents	7,310	7,952
SREB	562	490
Teaching hospital	10,000	10,000
Radon research	400	
High technology		500
Budget and tax reform		950
Center for Health Tech		350
Foundation on Aging		50
Equipment		273
Subtotal, BoR	18,272	20,565
Subtotal, St U Sys	987,004	1,010,779
Student Financial Assistance		
Student assistance grants	14,223	18,697
Critical teacher shortage	3,613	3,613
Academic scholar fund	16,196	21,778
Public service work study	258	258
Graduate scholars fund	860	860
Coll career work experience	842	842
Most promising teacher	2,676	2,676
Master assoc teacher	250	250
Latin Amer-Caribbean Basin	231	231
African and Afro-Caribean		60
Seminole/Miccosukee	83	83
Jose Marti Scholarship	300	300
Virgil Hawkins	300	300
Challenger Astronauts Schol	20	100
Other	172	182
Success incentive prog		1,750
Subtotal, St Asst	40,024	51,980
Postsecondary Ed Plan Comm	740	788
Private Institutions		
U of Miami		
Medical school*	12,395	13,395
Nursing School	839	796
Other	2,012	3,604
Subtotal, U of M	15,246	17,795
Barry U, soc work, nursing	486	493
Bethune-Cookman	629	700
Comm hospital ed prog*	7,697	6,697
Edward Waters	250	750
Florida Inst Tech	617	617
Florida Southern	88	152
Mt Sinai Radiologic Tech	79	79
Nova University	1,310	525
SE Coll Osteopathic Med*	2,050	2,353
SECOM rural unmet needs*	105	105
Tuition asst, pvt inst	16,673	18,839
Other assistance	916	1,000
Subtotal, Private Inst	46,146	50,105
State aid to community coll	490,999	515,419
State Board of Comm Coll	3,029	3,231
Subtotal, C C's	494,028	518,650
Total	1,567,942	1,632,302

*Assigned to the Board of Regents Office

GEORGIA

Table 10. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Georgia.

(In thousands of dollars)

	Sums appropriated	
Institutions	1989-90	1990-91
(1)	(2)	(3)
University of Georgia	184,138	199,268
Ag experiment station	33,863	35,424
Coop extension service	33,112	34,795
Veterinary exper station	2,953	3,060
Skidaway Inst Oceanography	1,518	1,577
Marine extension service	1,192	1,250
Marine Institute	931	1,000
Veterinary teach hospital	502	526
Minority Business Enterprise	347	355
Athens/Tifton Veterinary Labs	62	66
Subtotal, U of G,	258,618	277,321
Medical College of Georgia	66,227	70,069
Talmadge Memorial Hospital	28,311	31,923
Family practice residency	5,767	6,203
Desegregation program	378	386
Subtotal, MC of G,	100,683	108,581
Georgia State University	90,095	96,800
Georgia Inst of Technology	79,912	88,126
Georgia Tech Research Inst	10,712	11,444
Education extension service	837	853
Advanced Tech Develop Ctr	1,435	1,474
Agricultural research	1,320	1,365
Center for Rehab Tech	926	960
Subtotal, GIT,	95,142	104,222
Senior Colleges ·		
Georgia Southern College	31,126	36,155
Valdosta State College	19,961	21,775
West Georgia College	19,447	21,035
Kennesaw College	18,635	20,705
Columbus College	14,123	15,294
Georgia College	13,398	14,579
Southern College of Tech	13,152	14,150
Augusta College	11,347	12,658
Fort Valley State College	11,649	12,183
Savannah State College	10,889	11,579
Albany State College	10,895	11,460
Armstrong State College	9,484	10,367
Georgia Southwestern Colleg	8,657	9,331
Clayton State College	7,863	8,896
North Georgia College	7,867	8,492
Subtotal, S C's,	208,493	228,659

(Continued on the next page)

GEORGIA(Continued from the preceding page)

Junior Colleges -		
DeKalb College	20,557	22,887
Macon College	6,533	7,738
Abraham Baldwin Ag College	6,908	7,619
Middle Georgia College	5,593	6,168
Gainesville College	4,859	5,688
Darton College	5,064	5,452
South Georgia College	4,275	4,551
Floyd College	4,092	4,541
Dalton College	3,961	4,347
Brunswick College	3,811	4,176
Atlanta Metropolitan Coll	3,758	4,077
Gordon College	3,697	4,055
Bainbridge College	2,354	2,568
Waycross College	1,852	1,930
East Georgia College	1,653	1,825
Subtotal, J C's,	78,967	87,622
Regents of University System	5,319	5,565
SREB payments	12,521	9,194
Repairs/rehabilitation fund	21,573	22,763
Medical scholarships	840	1,020
Regents opportunity grants	600	600
Regents scholarships	200	200
Information Technology	3,235	3,330
GA Military College		865
Public Telecommunications		8,141
Subtotal, R of US,	44,288	51,678
Unallocated reserve	8,383	6,400
Total	884,669	961,283

HAWAII

Table 11. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Hawaii.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90 (R)	1990-91
(1)	(2)	(3)
University of Hawaii		
U of Hawaii, Manoa	149,508	154,621
School of medicine	12,086	12,696
School of nursing	2,600	2,769
Ag experiment station	9,803	10,006
Coop extension service	4,920	5,073
Subtotal, U of H, M,	178,917	185,165
U of Hawaii, Hilo	19,659	20,071
U of Hawaii, West Oahu	1,658	1,579
Community Colleges	59,050	60,766
System support	17,940	19,976
Subtotal, U of H,	277,224	287,557
WICHE	1,017	1,068
Fringe benefits (est)	23,000	31,000
Less tuition/other revenue	- 22,000	- 22,000
Total	279,241	297,625

IDAHO

Table 12. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Idaho.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90	1990-91
(1)	(2)	(3)
University of Idaho	44,930	51,755
Ag research & coop extension	13,367	14,997
WAMI medical education	1,893	1,973
WOI veterinary medicine	860	923
Forestry research	251	456
Geological survey	446	478
Subtotal, U of I,	61,747	70,582
Boise State University	33,447	39,137
Idaho State University	28,841	33,894
Lewis-Clark State College	5,327	6,384
Competitive Research	2,000	2,500
Junior College support	6,988	8,393
Vocational education	16,875	19,513
State Board of Education	998	1,307
Scholarships and grants	1,396	1,630
Medical education	628	657
Total	158,247	183,997

ILLINOIS

Table 13. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Illinois.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90 (R)	1990-91
(1)	(2)	(3)
University of Illinois		
Urbana/Champaign	271,744	274,272
Chicago	271,077	280,150
Central Administration	43,269	46,980
Subtotal, U of I,	586,090	601,402
Southern Illinois University		
Carbondale	129,274	130,802
Edwardsville	53,951	53,526
Central Administration	2,146	2,154
Subtotal, SIU,	185,371	186,482
Board of Regents		
Northern Illinois University	90,185	92,354
Illinois State University	67,943	67,700
Sangamon State University	17,549	17,710
Board office	1,379	1,398
Subtotal, BoR,	177,056	179,162

(Continued on the next page)

ILLINOIS (Continued from the preceding page)

Board of Governors		
Western Illinois University	46,380	46,410
Eastern Illinois University	38,054	38,580
Northeastern Illinois U	32,902	32,696
Chicago State University	27,318	27,634
Governors State University	19,344	19,415
Board Office	1,960	2,132
Subtotal, BoG,	165,958	166,867
Aid to Community Colleges	235,677	247,393
Board office	1,528	1,463
Subtotal, CCs	237,205	248,856
IL Student Assist Commission		
Scholarships and grants	191,877	196,285
Savings/Loan Program	5,000	4,255
Administration	2,959	3,043
Subtotal, ISAC,	199,836	203,583
Board of Higher Education	2,174	2,220
Grant programs*	49,020	47,771
Civil service merit	946	928
Special retirement contrib	11,238	
Vets/MIA depend scholarships	433	455
Health, life insurance (est)	76,115	76,573
Worker comp/unemploy ins (est)	3,955	4,288
Tech trans & innovation grant	4,250	3,298
Small business develop ctrs	637	645
Total	1,700,284	1,722,530
*Includes (in $1,000s)		
Grants to private insts	16,900	17,078
Health education grants	19,486	19,133
Institutional grant prog	12,634	11,560

INDIANA

Table 14. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Indiana.

(In thousands of dollars)

	Sums appropriated	
Institutions	1989-90	1990-91
(1)	(2)	(3)
Indiana University		
Bloomington	140,557	149,669
IUPUI-Indianapolis*	51,488	55,719
Health Division	71,747	77,030
Medical education**		
Family Practice	1,334	1,334
Intern-residency program	1,000	
Regional campuses		
Northwest	10,735	11,784
South Bend	11,321	12,227
Southeast	8,354	9,221
Kokomo	5,828	6,225
East	2,746	3,107
Higher ed telecom***	5,120	5,215
Developmental Training Ctr	1,970	2,073
Chemical test training	504	536
Optometry education	29	2
Ft Wayne, 2nd yr med sch	325	325
Natl inst fitness	200	200
Subtotal, IU	313,258	334,667
Purdue University		
West Lafayette	166,810	178,386
IUPU-Fort Wayne+	19,764	21,248
Regional campuses		
Calumet	15,952	16,910
North Central	5,079	5,398
Technology Programs	3,630	3,843
County extension service	3,371	3,563
Animal disease diag lab	2,228	2,367
Ag experiment station	2,554	2,639
Crop production research	52	55
Valparaiso nursing	81	85
Ag extension/research		3,000
Subtotal, PU	219,521	237,494
Ball State U++	90,669	98,078
Indiana State U	60,216	63,540
U of Southern Indiana	11,999	12,787
Vincennes U+++	20,031	21,218
Indiana Voc Tech Coll	50,730	54,305
Commission for Higher Ed	1,180	1,234
Coll placement assessment ctr	768	788
Student Assistance Commission	42,868	48,650
Program start-up fund	500	500
Elkhart Planning Study		120
U-based business assistance	1,221	1,221
Library Automation	1,060	1,560
Total	814,021	876,162

(Footnotes on the next page)

INDIANA (Continued from the preceding page)

*Acronym for Indiana U-Purdue U at Indianapolis, which includes professional schools and other units of Indiana U, and some academic programs of Purdue U.

**Some programs formerly listed here have been transferred to IUPUI-health division.

***Statewide multi-media communications network, providing services to both public and private institutions.

+Dual campus of Indiana U and Purdue U.

++Includes $2 million for the Academy for Math, Science and Arts for FY1991.

+++A two-year community college now largely supported by the state, but partly by the county where it is located.

IOWA (Continued from the preceding column)

*Includes a portion appropriated in the budget year and a portion in the following fiscal year, but designated for expenditures during the budget year.

**Support for private institutions only.

IOWA

Table 15. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Iowa.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90 (R)	1990-91
(1)	(2)	(3)
University of Iowa	165,039	180,505
Psychiatric hospital	6,596	7,009
Hospital school	5,156	5,533
Oakdale campus	2,805	2,944
Family practice training	1,735	1,842
Subtotal, U of I,	181,331	197,833
Iowa State University	133,468	146,946
Ag/home ec exper station	17,997	22,970
Coop extension service	15,812	17,147
Fire service education	410	417
Livestock research	300	300
Subtotal, ISU,	167,987	187,780
University of Northern Iowa	52,993	59,229
Board of Regents Office	1,084	1,192
Tri-State Graduate Center		75
Council Bluffs Graduate Center		40
Quad Cities Graduate Center		145
Subtotal, Board Office	1,084	1,452
Subtotal, Regents programs	403,395	446,294
Area Colleges*	88,458	87,500
College Aid Commission		
Administration	313	338
Pvt college tuition grants**	30,683	32,913
University of Osteopathy**	800	994
State scholarships	800	1,024
Voc-tech tuition grants	750	1,331
GSL repayment	500	2,570
Work study	3,000	3,210
Minority grant	50	0
National Guard Loan Prog		250
Aid to Displaced Worker		500
Subtotal, CAC,	36,896	43,130
Total	528,749	576,924

KANSAS

Table 16. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Kansas.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90 (R)	1990-91
(1)	(2)	(3)
University of Kansas	99,584	101,971
Medical center	61,250	68,959
Subtotal, U of K,	160,834	170,930
Kansas State University	100,362	105,316
Veterinary medical center	7,484	7,877
Subtotal, KSU,	107,846	113,193
Wichita State University	45,580	47,711
Pittsburg State University	20,888	22,168
Emporia State University	20,042	20,723
Fort Hays State University	19,800	20,733
Kansas Technical Institute	3,709	4,105
Board of Regents	8,349	9,205
Subtotal, Regents System,	387,048	408,768
Aid to Washburn University	5,949	6,090
Aid to community colleges	42,612	44,037
Total	435,609	458,895

KENTUCKY

Table 17. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Kentucky.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90 (R)	1990-91
(1)	(2)	(3)
University of Kentucky	133,789	148,912
Medical Center	59,315	64,914
UK Community Colleges	42,409	51,789
Subtotal, U of K,	235,513	265,615
University of Louisville	61,892	67,977
Medical Center	48,835	52,637
Subtotal, U of L,	110,727	120,614
Eastern Kentucky U	43,960	47,275
Western Kentucky U	43,474	46,510
Murray State U	32,472	34,514
Morehead State U	26,562	28,607
Northern Kentucky U	22,572	24,282
Kentucky State U	14,497	15,567
Ky Higher Ed Assist Authority	12,802	17,171
Council on Higher Ed	4,775	5,190
Engineering Ed Enhancement*	1,000	1,000
EPSCoR**	600	600
Rural nursing/allied health		500
Total	548,954	607,445

*Funds to be distributed equally to the U of Kentucky and the U of Louisville.

**Funds to be distributed to Eastern Kentucky U, Morehead State U, Murray State U, and Western Kentucky State U.

LOUISIANA

Table 18. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Louisiana.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90 (R)	1990-91
(1)	(2)	(3)
LA State University System		
Baton Rouge	88,035	99,201
Medical center	112,994	119,069
Ctr for Ag Sci & Rural Dev	44,760	49,230
Veterinary medicine	11,642	13,046
Law center	4,066	4,434
New Orleans campus	28,055	31,301
Shreveport campus	7,627	8,375
Alexandria campus	3,911	4,447
Eunice campus	2,815	3,296
System Board	1,394	6,331
Subtotal, LSU,	305,299	338,730
Board of Trustees System		
U of Southwestern LA	36,324	38,975
Louisiana Tech U	24,643	26,822
Northeast LA U	23,471	26,188
Southeastern LA U	16,844	19,901
McNeese State U	16,383	17,869
Northwestern State U	14,740	15,934
Nicholls State U	15,315	16,616
Grambling State U	16,439	17,722
Delgado Comm College	10,835	12,183
System Board	677	666
Subtotal, Bd of T,	175,671	192,876
Southern University System		
Baton Rouge	30,032	33,433
New Orleans	8,252	8,962
Shreveport	3,709	4,383
System Board	741	707
Subtotal, SUS,	42,734	47,485
LA Univ Marine Consortium	1,405	1,560
Board of Regents	1,928	5,078
Total	527,037	585,729

MAINE

Table 19. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Maine.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90	1990-91
(1)	(2)	(3)
U of Maine (all campuses)	140,589	152,640
Public broadcasting network	2,214	2,392
Subtotal, U of M	142,803	155,032
Vocational education	24,043	24,806
Maine Maritime Academy	6,557	7,463
Grant/loan/scholarships	1,500	1,700
Incentive scholarships*	1,965	4,971
Other scholarships	**	1,940
Total	176,868	195,912

*For students attending either public or private institutions.

**Balance carried forward from previous years; therefore, no new appropriations were made.

MARYLAND

Table 20. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Maryland.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90(R)	1990-91
(1)	(2)	(3)
University of Maryland System		
College Park	224,850	242,660
Baltimore City	121,050	121,372
Towson State U	50,087	53,471
Baltimore County	46,387	49,261
Frostburg State U	19,452	22,005
Salisbury State U	18,997	20,872
University of Baltimore	18,339	20,425
Eastern Shore	14,986	17,310
Bowie State U	14,412	15,905
Coppin State College	13,628	15,261
University College	3,829	3,887
Ag experiment station	13,519	14,737
Coop extension service	17,030	18,643
Ctr, environ & estuarine	8,513	9,217
Biotech & sea grant	8,080	8,704
System administration	15,554	15,399
Subtotal, U of MD	608,713	649,129
Morgan State U	32,412	33,407
St. Mary's Coll of Maryland	8,918	10,932
State scholarship commission	20,086	21,369
Higher Education Commission	9,125	18,429
Aid to private higher ed	24,150	28,359
Community Colleges	118,931	123,459
Total	822,335	885,084

MASSACHUSETTS

Table 21. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Massachusetts.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90	1990-91
(1)	(2)	(3)
University of Massachusetts		
Amherst	163,601	135,868
Boston	60,892	50,636
Worcester	30,036	24,896
President's office	375	285
Subtotal, U of M,	254,904	211,685
University of Lowell	53,588	44,573
Southeastern Mass U	33,720	28,070
State Colleges		
Salem	21,884	18,305
Bridgewater	20,764	17,300
Fitchburg	17,445	14,633
Westfield	13,979	11,831
Worcester	13,962	11,724
Framingham	13,800	11,571
North Adams	9,588	8,072
Mass College of Art	9,202	7,748
Mass Maritime	8,480	7,060
Subtotal, S C's,	129,104	108,244
Community Colleges		
Springfield	14,630	12,551
North Shore	13,516	11,675
Massasoit	13,287	11,500
Middlesex	11,987	10,280
Northern Essex	11,553	10,026
Bunker Hill	10,493	9,174
Holyoke	10,390	8,999
Roxbury	8,800	7,671
Bristol	8,553	7,450
Quinsigamond	8,049	6,990
Berkshire	7,189	6,218
Mass Bay	7,075	6,183
Cape Cod	6,789	5,882
Mt Wachusett	6,627	5,740
Greenfield	5,827	5,051
Subtotal, C C's,	144,765	125,390
Board of Regents	3,578	3,078
Scholarships	80,160	57,038
Other	12,265	10,797
Fringe benefits	99,560	104,020
Collective bargaining	4,354	4,353
Total	815,998	697,248

MICHIGAN

Table 22. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Michigan.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90	1990-91
(1)	(2)	(3)
U of Michigan, Ann Arbor	253,374	265,871
Dearborn campus	16,588	17,885
Flint campus	15,209	16,044
Subtotal, U of M,	285,171	299,800
Michigan State University	213,628	225,271
Ag experiment station	21,030	22,163
Coop extension service	18,975	19,861
Subtotal, MSU,	253,633	267,295
Wayne State University	174,039	183,518
Western Michigan University	78,138	83,048
Eastern Michigan University	59,176	62,280
Central Michigan University	54,572	56,781
Ferris State College	37,807	39,778
Michigan Tech University	37,402	39,374
Northern Michigan University	36,179	38,069
Oakland University	33,788	35,555
Grand Valley State College	26,018	27,986
Saginaw Valley College	15,414	16,448
Lake Superior State College	9,801	10,270
Upper Peninsula Health Proj	628	657
Supportive Services	1,553	1,625
Others*	3,303	4,717
Subtotal, U's & C's	1,106,620	1,167,202
Scholarships and Grants -		
Competitive scholarships	26,424	27,283
Private Tuition grants	46,746	49,196
Private Dental grants	3,660	3,832
Private General degree	4,206	4,403
Private Allied health	659	709
Indian tuition	1,218	1,718
Michigan Work-study	5,807	6,080
Part-time students	2,103	2,202
Robert C. Byrd Scholarship	500	500
Congress teachers scholars	750	750
Mich Ed Opportunity Grants	1,050	1,099
Other	225	475
Subtotal, S & G,	93,347	98,247
State aid to comm colls	212,490	225,465
Less Federal Funds	- 4,450	- 4,220
Total	1,408,006	1,486,694

* Includes: Michigan Molecular Institute, Linkage 2+2, consortium/studies, financial aid, media, and Teaching Excellence Fund.

MINNESOTA

Table 23. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Minnsota.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90	1990-91
(1)	(2)	(3)
University of Minnesota*	355,025	376,671
Special appropriations	82,166	99,584
LCMR+Deficit	2,762	2,784
Subtotal, U of M	439,953	479,039
State University System**	167,400	177,807
Community College System***	88,147	98,671
Area Voc-Tech Institutes+	166,652	172,478
Higher Education Coordinating Board		
Scholarships and grants	69,044	77,611
Tuition reciprocity	4,300	4,744
Work study	5,304	5,454
MINITEX library	1,045	1,083
Other	3,900	10,550
Subtotal, HECB	83,593	99,442
Mayo Medical schools++	1,034	1,091
Total	946,779	1,028,528

*Includes campuses at Minnesota-St. Paul, Duluth, and Morris; two-year technical colleges at Crookston and Waseca; as well as medical, agricultural and other programs.

**Includes the campuses at Mankato, St. Cloud, Moorhead, Bemidji and Southwest and Metropolitan Universities

***Includes 13 state-operated institutions

+Includes 33 state-funded, locally operated post-secondary institutions

++Private institution.

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MISSISSIPPI

Table 24. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Mississippi.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90	1990-91
(1)	(2)	(3)
U of Mississippi	39,347	39,971
Medical Center	64,861	67,026
Pharmaceutical research	1,542	1,567
Off campus centers	296	511
Mineral resources institute	386	385
Law research institute	322	322
Subtotal, U of M	106,754	109,782
Mississippi State U	48,439	50,757
Ag & forest experiment sta	16,520	16,826
Coop extension	15,542	15,567
Coll of veterinary med	7,638	7,667
State chemical lab	1,218	1,265
Forest products lab	2,428	2,443
Off campus centers	1,102	1,102
Water resources institute	136	137
Subtotal, MSU	93,023	95,764
U of Southern Mississippi	43,372	43,860
Off campus centers	2,910	3,060
Gulf Coast Research Lab	3,020	3,051
Subtotal, U of SM	49,302	49,971
Jackson State U	19,584	19,784
Delta State U	12,345	12,485
Alcorn State U	9,015	9,845
Miss Valley State U	7,598	8,453
Miss U for Women	7,166	7,328
Vocational education	47,455	47,664
Junior Colleges	72,696	74,145
Board for comm colleges	264	296
Universities Research Center	2,746	3,207
Education & Research Ctr	1,082	1,121
Board of Trustees	1,542	1,563
Universities Center	215	
Student financial aid	2,184	2,189
Total	432,971	443,597

MISSOURI

Table 25. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Missouri.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90	1990-91
(1)	(2)	(3)
U of Missouri System*	310,457	324,215
State Univ & Colleges		
Southwest	51,000	53,867
Central	37,828	40,392
Southeast	31,203	32,567
Northeast	26,821	28,466
Northwest	18,592	19,397
Western	12,679	13,228
Southern	12,738	13,286
Lincoln	10,176	10,815
Harris-Stowe	4,876	5,135
Subtotal, U & C's,	205,913	217,153
Aid to public jr colleges	67,176	70,787
Grant Program and other aid**	15,300	20,071
Coord Board for Higher Ed	4,689	5,152
Total	603,535	637,378

*Includes appropriations for medical facilities at UMC, UMKC, and UMSL. These include medicine, dentistry, nursing, optometry, and pharmacy.

**Includes appropriations for the Missouri Student Grant Program, the academic scholarship program, and other financial aid programs.

MONTANA

Table 26. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Montana.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90(R)	1990-91
(1)	(2)	(3)
University of Montana	27,499	29,509
Forestry experiment station	664	688
Subtotal, U of M,	28,163	30,197
Montana State University	34,243	37,520
Ag experiment station	6,735	7,112
Coop extension service	2,335	2,577
Subtotal, MSU,	43,313	47,209
Coll of Mineral Science & Tech	7,010	7,709
Bureau of Mines	1,293	1,330
Subtotal, CMST,	8,303	9,039
Eastern Montana College	10,715	11,352
Northern Montana College	6,585	6,397
Western Montana College	3,655	3,659
Board of Regents	32	33
Commissioner's Office	847	841
Student assistance	4,595	4,739
Community colleges	3,208	3,182
Total	109,416	116,648

NEBRASKA

Table 27. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Nebraska.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90(R)	1990-91
(1)	(2)	(3)
University of Nebraska		
Lincoln	126,237	134,658
Medical center	60,952	63,832
Omaha	32,609	35,578
System office	7,780	20,436
Subtotal, U of N,	227,578	254,504
State Colleges		
Kearney	16,997	18,853
Wayne	7,950	8,635
Chadron	7,440	8,058
Peru	4,194	4,523
System office	371	439
Subtotal, S C's,	36,952	40,508
Technical Community Colleges	27,000	32,148
Coordinating Commission	192	191
Student Aid	1,521	1,771
Total	293,242	329,122

NEVADA

Table 28. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Nevada.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90	1990-91
(1)	(2)	(3)
U of Nevada, Reno	39,287	41,541
School of medicine	8,380	8,518
Ag experiment station	3,551	3,639
Coop extension service	3,079	3,139
Intercollegiate athletics	995	1,012
Statewide programs	3,199	3,264
Subtotal, U of N, R	58,491	61,113
U of Nevada, Las Vegas	40,351	43,508
Statewide programs	411	417
Intercollegiate athletics	995	1,012
Subtotal, U of N, LV	41,757	44,937
Community College Division		
Clark County	12,691	13,307
Truckee Meadows	8,246	8,647
Western Nevada	4,828	5,232
Northern Nevada	2,521	2,682
Subtotal, C C's	28,286	29,868
Business Center North	1,022	1,059
Business Center South	858	889
System computing center	5,089	5,196
Desert Research Institute	1,588	1,617
University Press	297	306
National Direct Student Loan	30	30
System administration	1,510	1,572
Salary Adjustments	6,340	13,815
Merit Increases	1,368	2,922
Total	146,636	163,324

NEW HAMPSHIRE

Table 29. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in New Hampshire.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90 (R)	1990-91
(1)	(2)	(3)
U of New Hampshire, Durham	30,813	32,122
Ag experiment station	1,669	1,753
Coop extension	1,068	1,122
Extension work, counties	358	376
Consulting center	112	120
Marine research & develop	596	625
New Hampshire Network	1,634	1,715
Subtotal, UNH, Durham	36,250	37,833
U of New Hampshire, Manchester	982	1,031
Subtotal, U of NH,	37,232	38,864
Keene State College	6,208	6,661
Plymouth State College	7,080	7,520
School of Lifelong Learning	688	722
Subtotal, UNH System,	51,208	53,767
Postsecondary Ed Commission	261	230
Incentive program	525	525
Veterinary medicine schools	198	198
Optometry school	30	30
Med school, Dartmouth	180	200
New England Bd of Higher Ed	83	83
Nurses leverage grants	50	50
Nursing scholarships	50	50
War orphans scholarships	10	10
Leveraged incentive grant	347	347
Subtotal, PSEC,	1,734	1,723
Postsecondary ed admin & supp	972	1,076
New Hamp Technical Institute	4,802	5,231
Vocational-Technical Colleges		
Manchester	2,297	2,486
Claremont	1,739	1,895
Berlin	1,772	1,930
Nashua	1,742	1,878
Stratham	1,483	1,614
Laconia	1,286	1,359
Subtotal, TI's	15,121	16,393
Total	69,035	72,959

NEW JERSEY

Table 30. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in New Jersey.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90 (R)	1990-91
(1)	(2)	(3)
Rutgers, State U of NJ	242,627	216,514
Ag experiment station	20,529	19,137
Subtotal, Rutgers,	263,156	235,651
U of Medical & Dental of NJ	172,974	150,517
NJ Institute of Technology	43,925	38,308
State Colleges		
Montclair	38,521	34,179
Paterson	33,847	30,571
Trenton	32,561	29,088
Glassboro	30,183	27,757
Kean	31,163	27,464
Jersey City	27,929	25,143
Stockton	17,746	16,020
Ramapo	16,858	15,109
Thomas Edison	3,899	3,332
Subtotal, S C's,	232,707	208,663
Health related programs		
Private dental school aid	3,551	2,500
School of nursing aid	833	833
Vet med ed program	1,427	1,427
Optometric education	322	236
Graduate med education	286	126
Institute of Medical Res	790	790
Moorehouse College		35
Subtotal, HR,	7,209	5,947
Other support programs		
Technology and computers	3,037	100
Humanities/foreign language	2,710	
Scholarly Chairs	575	575
Faculty Enhancement	750	
Special student populations	1,725	1,724
Other academic support	4,034	2,585
Urban/minority programs	3,860	3,860
Excellence grants	7,732	
System support	657	573
Subtotal, other,	25,080	9,417
Student aid	98,576	107,950
Chancellor's office, admin	6,025	4,858
Fringe benefits (est)	211,326	193,123
Aid to county comm colleges	92,011	80,879
Aid to private Univ & Coll	23,805	20,580
Total	1,176,794	1,055,893

NEW MEXICO

Table 31. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in New Mexico.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90	1990-91
(1)	(2)	(3)
University of New Mexico	87,038	95,878
Medical school	21,576	24,272
Cancer center	1,564	1,620
Medical-related programs	6,051	8,535
State medical investigator*	1,769	1,913
Gallup branch	2,388	3,042
Los Alamos branch	925	1,087
Valencia branch	1,145	1,638
Subtotal, U of NM	122,456	137,985
New Mexico State U	55,313	61,983
Ag experiment station	7,042	7,390
Ag extension service	5,170	5,389
St Dept of Agriculture*	3,931	4,120
Research Center	393	410
Alamogordo branch	2,369	2,816
Carlsbad branch	1,520	1,743
Dona Ana branch	2,068	3,151
Grants branch	1,054	1,334
Subtotal, NMSU	78,860	88,336
Eastern New Mexico U	15,690	17,277
Roswell branch	3,427	4,263
Clovis branch	3,478	4,191
Subtotal, ENMU	22,595	25,731
NM Inst of Mining & Tech	10,831	11,548
State Bureau of Mines*	2,461	2,805
Research Center	1,101	1,141
Subtotal, NMIMT	14,393	15,494
NM Highlands U	10,546	11,447
Western New Mexico U	7,125	8,011
Community Colleges		
New Mexico Junior College	839	1,475
Northern New Mexico CC	3,775	4,385
Santa Fe Com Col	3,434	3,789
San Juan College	1,048	1,572
Subtotal, CC's	9,096	11,221
Vocational-Technical Schools		
Technical-Vocational Inst	15,178	16,927
Luna Area Vocational School	4,077	4,324
Tucumcari Area Vocational	1,191	1,374
Subtotal, Voc-tech	20,446	22,625
Commission on Higher Ed	872	961
WICHE	64	68
Student financial aid	7,507	10,373
Student exhange grants	2,150	2,089
Other	300	1,125
Subtotal, CHE	10,893	14,616
Total	296,410	335,466

*State function administered through the institution.

NEW YORK

Table 32. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in New York.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90	1990-91
(1)	(2)	(3)
State University of New York (SUNY)		
University Centers		
Buffalo	207,912	219,142
Stony Brook*	317,092	178,499
Albany	95,945	100,546
Binghamton	69,746	73,406
Subtotal, U Ctrs	690,695	571,593
Medical Centers		
Downstate (NYC)	160,141	61,998
Upstate (Syracuse)	142,940	40,741
Subtotal, Med Ctrs	303,081	102,739
Colleges of Arts & Science		
Buffalo	47,957	49,524
Brockport	34,887	36,380
Oswego	34,457	35,594
New Paltz	31,308	32,500
Oneonta	28,505	29,767
Plattsburgh	27,666	28,916
Cortland	27,843	28,764
Geneseo	25,247	26,332
Fredonia	25,235	26,105
Potsdam	23,915	24,688
Purchase	22,341	23,406
Old Westbury	17,645	18,515
Subtotal, C of A&S	347,006	360,491
Statutory Colleges		
Land-Grant at Cornell	113,022	118,487
Ceramics at Alfred U	7,064	7,391
Subtotal, State Colls	120,086	125,878
Specialized Colleges		
Environment Sci & Forest	21,881	23,219
Empire State	17,965	18,987
Optometry	15,227	16,303
Coll of Technology	13,538	13,600
Maritime	10,030	10,275
Subtotal, Spec Colls	78,641	82,384
Agricultural & Technical Colleges		
Farmingdale	32,667	33,904
Alfred	19,933	20,643
Cobleskill	14,268	14,828
Morrisville	13,548	14,333
Delhi	13,354	13,806
Canton	11,434	11,772
Subtotal, A&T Colls	105,204	109,286

(Continued on the next page)

NEW YORK (Continued from the preceding page)		
University-wide programs*	115,174	121,178
Fringe benefits	315,273	369,548
Cornell land script	35	34
SUNY gross total	2,075,195	1,843,131
Less student fees, etc.	- 496,995	- 340,280
SUNY net tax fund total	1,578,200	1,502,851
Cornell coop & extension	3,161	3,350
Community Colleges		
SUNY	236,518	258,175
CUNY	97,203	102,518
Subtotal, CC's	333,721	360,693
Other Programs		
Aid to CUNY	637,844	641,342
Tuition assistance	395,500	400,000
Aid to independent colls	180,936	179,618
Scholar & fellowships	33,163	30,903
Higher ed services corp	11,191	14,956
Higher ed administration	8,223	6,125
Chairs, science-humanities	750	500
Aid to native Americans	385	385
Aid to academic libraries	1,971	2,220
Subtotal, other	1,269,963	1,276,049
Total	3,185,045	3,142,943

*For FY1990-91, there was a significant decrease in the hospital subsidy.

**Includes funds for medical education.

Note: For FY1990-91, research dollars, formerly appropriated as operating expenses, were appropriated as capital funds. Grapevine does not include capital fund appropriations.

NORTH CAROLINA

Table 33. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in North Carolina.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90	1990-91
(1)	(2)	(3)
University of North Carolina		
UNC at Chapel Hill	134,406	134,521
Health affairs	97,502	99,032
Area health education ctr	31,623	31,524
Subtotal, UCC-CH	263,531	265,077
NC Memorial Hospital*	34,660	33,780
NC State U at Raleigh	148,867	150,984
Sch of Veterinary Med	18,660	18,372
Ag research service	36,485	35,526
Ag extension service	28,812	28,456
Subtotal, NCSU,	232,824	233,338
East Carolina U**	119,065	120,185
UNC at Charlotte	55,154	55,649
UNC at Greensboro	54,583	54,752
Appalachian State U	52,174	51,629
NC Ag & Tech St U	35,656	35,217
Western Carolina U	33,993	34,419
UNC at Wilmington	31,353	31,571
NC Central U	26,385	26,361
Fayetteville State U	16,569	16,842
UNC at Asheville	15,340	15,933
Winston-Salem State U	15,988	15,768
Pembroke State U	15,223	15,534
Elizabeth City State U	14,538	14,589
NC School of the Arts	8,106	8,022
General administration	16,867	17,086
Allocation to institution	2,625	2,631
Related programs***	46,485	45,768
Subtotal, U of NC,	1,091,119	1,094,151
State support of Comm Colls	364,829	387,610
Ed benefits, veterans' children	2,568	2,518
Total	1,458,516	1,484,279

*This is a teaching hospital, part of the medical complex at Chapel Hill, but administratively separate from the university at Chapel Hill. It is placed here for comparability with similar institutions in other states.

**Includes: (In $1,000s)

School of Medicine	48,773	49,014

***Includes: (In $1,000s)

a)aid to private institutions to be used for financial aid to needy NC graduates: 11,461 10,938

b)tuition grant to each full-time NC undergraduate attending a private school: 25,739 24,566

c)assistance to private medical schools and NC students attending them: 2,554 2,438

NORTH DAKOTA

Table 34. State tax-fund appropriations for the operating expenses of higher education for the undivided biennia 1987-89 and 1989-91 in North Dakota.

(In thousands of dollars)

Institutions	Sums appropriated 1987-89	1989-91 (R)
(1)	(2)	(3)
U of North Dakota	56,058	64,419
Medical center	27,544	25,317
UND Williston*	1,796	2,416
UND Lake Region*	1,627	2,298
Subtotal, U of ND	87,025	94,450
North Dakota State U	48,495	55,330
Ag experiment stations	23,122	24,977
Extension division	8,140	9,306
Bottineau branch	2,582	2,787
State forest service	925	1,252
Subtotal, NDSU	83,264	93,652
State College of Science	17,194	17,983
Minot State U	13,384	17,331
Dickinson State U	8,333	9,292
Valley City State U	7,020	7,672
Mayville State U	5,668	6,032
Bismarck St Coll (2-yr)*	5,299	6,646
Subtotal, All Insts	227,187	253,058
Board of Higher Education	1,262	1,688
Student financial assistance	1,375	2,733
Pool of funds	261	96
Salary adjustment		700
Research EPSCOR	1,361	1,238
Subtotal, BHE	4,259	6,455
Total	231,446	259,513

*Beginning with the 1985-87 biennium, the community colleges became state institutions with separate appropriations.

Note: Totals are for the biennia. Half of each total is used in the 50-state summary table.

OHIO

Table 35. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Ohio.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90	1990-91
(1)	(2)	(3)
Ohio State University	259,902	274,105
Clinical teaching	16,468	17,987
Ag research center	21,714	23,061
Cooperative extension	14,353	15,097
Subtotal, OSU	312,437	330,250
University of Cincinnati	128,537	136,194
Clinical teaching	11,504	11,906
Subtotal, U of C	140,041	148,100
University of Akron	77,409	83,141
Ohio University	74,025	79,569
Kent State University	67,865	71,578
University of Toledo	63,481	69,733
Bowling Green State U	59,977	63,190
Wright State University	59,518	62,357
Cleveland State University	54,731	60,102
Miami University	50,188	52,414
Youngstown State University	41,403	43,611
Central State University	13,896	14,361
Shawnee State University	10,768	12,591
Medical College of Ohio	25,999	27,447
Northeastern Med College	12,090	12,633
Case Western Reserve*	5,641	5,528
Community Colleges	102,075	107,467
University branches	52,820	56,259
Technical colleges	68,322	73,422
Instructional grants	52,646	54,056
Board of Regents	3,218	3,423
Special projects	9,079	9,761
Academic scholarships	3,591	3,591
Selective excellence	30,006	37,868
Student choice grants**	20,083	21,400
Misc Health Educ	15,732	16,205
Total	1,427,041	1,520,057

*Subsidy to this private university for education in medicine and dentistry.

**Provides aid to students attending in-state private institutions.

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OKLAHOMA

Table 36. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Oklahoma.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90	1990-91
(1)	(2)	(3)
University of Oklahoma	71,442	78,905
Health sciences centers	48,025	53,169
Law center	3,184	3,481
Geological survey	1,837	1,928
Subtotal, U of O,	124,488	137,483
Oklahoma State University	72,173	79,507
Ag experiment station	13,343	14,456
Ag extension division	12,824	13,835
Coll of veterinary medicine	6,984	7,681
Tech Branch-Okmulgee	9,558	10,368
Tech Branch-Oklahoma City	4,402	4,845
Oklahoma Coll of Osteopathy	6,891	7,501
Subtotal, OSU,	126,175	138,193
Senior Universities		
Central State	23,645	26,101
Northeastern State	17,225	18,898
Southwestern State	12,912	14,407
Cameron	10,902	11,993
East Central State	9,739	10,700
Southeastern State	9,549	10,469
Langston	6,200	6,760
Northwestern State	4,401	4,836
Oklahoma Panhandle State	3,872	4,314
U of Science & Arts	3,868	4,236
Subtotal, SU's,	102,313	112,715
Junior Colleges ·		
Tulsa Junior	16,927	18,688
Rose State	12,864	14,158
Oklahoma City Comm College	9,499	10,492
Northeastern OK A&M	5,889	6,416
Rogers State	4,938	5,619
Eastern Oklahoma State	3,742	4,109
Connors State	3,174	3,602
Northern Oklahoma	3,165	3,493
Western Oklahoma State	2,896	3,180
Carl Albert Junior	2,801	3,055
Murray State	2,708	2,947
Seminole Junior	2,660	2,921
El Reno Junior	2,226	2,428
Subtotal, J C's,	73,488	81,108
Financial aid	14,964	14,885
Other	11,661	25,088
Total	453,089	509,471

OREGON

Table 37. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Oregon.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90	1990-91
(1)	(2)	(3)
University of Oregon	60,826	64,636
Oregon Health Sciences U	37,251	40,669
Teaching hospital & clinics	10,720	12,735
Crippled children's division	5,779	6,267
Dental clinics	280	293
Subtotal, OHSU	54,030	59,964
Oregon State University	69,421	72,478
Ag experiment station	16,610	17,923
Coop extension service	11,957	12,757
Forest research lab	1,733	1,823
Subtotal, OSU	99,721	104,981
Portland State University	40,052	42,757
Southern Oregon State College	14,192	15,076
Oregon Inst of Technology	12,483	12,866
Western Oregon State College	12,459	13,243
Eastern Oregon State College	8,603	9,075
Centralized activities	8,858	9,341
Ctr for Advanced Tech Education	1,321	1,352
Teaching Resources Division	258	270
NDSL Health Professions loans	97	101
WICHE	487	507
Subtotal, SSHE	313,387	334,169
Education Coord Commission	516	537
State Scholarship Comm	12,302	12,804
Community Colleges	69,693	72,537
Total	395,898	420,047

PENNSYLVANIA[1]

Table 38. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Pennsylvania.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90	1990-91
(1)	(2)	(3)
State-related Universities:		
Pennsylvania State U	235,591	234,222
Medical school	4,481	9,413
Subtotal, PSU,	240,072	243,635
Temple University	125,418	127,912
Medical school	8,413	8,606
Subtotal, TU,	133,831	136,518
University of Pittsburgh	124,795	127,357
Medical school	6,320	6,465
Subtotal, U of P,	131,115	133,822
Lincoln U	9,541	9,896
Subtotal, Commonwealth segment	514,559	523,871
State System of Higher Ed		
Indiana	46,271	48,039
West Chester	34,955	37,001
Millersville	25,460	26,918
Bloomsburg	25,621	26,636
Slippery Rock	25,169	26,623
Kutztown	24,123	25,467
Edinboro	23,037	24,763
Clarion	22,960	24,135
Shippensburg	22,609	23,322
California	21,257	22,866
East Stroudsburg	18,568	19,430
Lock Haven	13,823	14,503
Mansfield	13,827	14,201
Cheyney	13,417	12,481
Chancellor's office	1,667	1,742
System reserve	713	212
Minority recruitment	550	1,415
Deferred maintenance	3,800	3,800
Faculty development	400	
Academy for Teaching	500	500
University Center	465	
Library enhancement	750	
McKeever Center	250	318
Tuition challenge program	5,090	13,500
Subtotal, SSHE,	345,281	367,872
Community Colleges (est)	92,589	104,265
T Stevens State School of Tech	4,333	4,412
Private, State-aided Institutions:		
University of Pennsylvania	24,711	25,027
Medical school	4,596	4,596
School of Veterinary Med	8,005	8,005
Subtotal, U of P,	37,312	37,628
Thomas Jefferson U	10,720	10,720
Drexel University	5,849	5,849

(Continued in the next column)

1 For revisions received after the November 1st deadline, see page 40.

PENNSYLVANIA (Continued from the preceding column)

Private, State-aided Institutions (Continued):		
Phila Coll Osteopathic Med	5,607	5,607
Hahnemann Med College	6,061	6,061
Medical College of Penn	4,212	4,212
Penn College of Optometry	1,662	1,662
Penn Coll of Podiatric Med	1,269	1,269
Phila U of the Arts	1,120	1,120
Phila Coll of Tex & Science	559	559
Del Val Coll of Sci & Ag	624	624
Berean Training & Indust Sci	1,194	1,194
Johnson School of Tech	209	209
Williamson Sch Mech Trades	76	76
Subtotal, Pvt, St-aided,	76,474	76,790
Other Higher Educaton Aid:		
Penn Higher Ed Scholarships	127,780	140,558
Institutional assist grants	26,447	29,092
Student aid-matching grants	6,350	6,350
Equal oppor prof education	750	750
Computer training	2,880	2,880
Ed at correctional insts	117	122
Deaf, blind students	50	50
Ethnic heritage studies	200	200
Higher ed-rural initiatives	375	254
College of physicians	100	100
Interdepart transfers (est)	147,250	148,723
Higher Education Equipment	6,602	5,000
Loan Forgiveness	2,049	2,922
Higher Ed for Disadvantaged	7,175	7,497
Subtotal, other,	328,125	344,498
Total	1,361,361	1,421,708

RHODE ISLAND

Table 39. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Rhode Island.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90	1990-91
(1)	(2)	(3)
University of Rhode Island	69,359	67,981
Rhode Island College	32,048	30,713
Community Coll of Rhode Island	27,944	27,935
Subtotal, U & C's,	129,351	126,629
Office of Higher Education*	3,307	3,849
State scholarships	9,755	9,755
New England Higher Ed Compact	83	89
Reg plan--medical, dental	202	217
Support of medical education	1,520	500
Youth intern program	91	100
Total	144,309	141,139

*Includes funding for categorical programs to be distributed at the institutions. (In $1,000s)

Program for Excellence	804	
Challenge Fund	305	
Governor's Scholarships	317	
Categorical grants	177	261
Children's crusade		1,500

SOUTH CAROLINA

Table 40. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in South Carolina.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90	1990-91
(1)	(2)	(3)
U of So Carolina, Main Campus	117,954	123,008
Medical school, Main Campus	18,176	19,304
Spartanburg campus	9,247	9,373
Coastal campus	10,005	10,383
Aiken campus	7,096	7,601
Two-year campuses	9,333	10,131
Subtotal, U of SC,	171,811	179,800
Clemson University	73,968	80,496
Ag Research, ext, inspect	43,335	45,118
Subtotal, CU,	117,303	125,614
Medical U of So Carolina	76,346	82,987
Residency programs	14,543	14,803
Hospitals and clinics	17,304	18,499
Subtotal, MUSC,	108,193	116,289
College of Charleston	19,989	21,421
Winthrop College	19,504	19,719
So Carolina State College	19,766	19,278
The Citadel	13,441	13,460
Francis Marion College	12,532	12,411
Lander College	8,294	8,238
Subtotal, S C's,	93,526	94,527
Commission on Higher Ed	1,469	1,602
Scholarships, loans, SREB	1,103	888
Desegregation funds	1,195	495
Cutting Edge	5,000	500
Subtotal, CHE,	8,767	3,485
Grants-private coll students	17,665	17,733
Tech & Comprehensive Education	95,243	107,278
Total	612,508	644,726

SOUTH DAKOTA

Table 41. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in South Dakota.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90(R)	1990-91
(1)	(2)	(3)
U of South Dakota	22,359	24,484
Medical school	6,884	7,163
Subtotal U of SD	29,243	31,647
South Dakota State U	26,426	27,932
Ag experiment station	5,146	5,349
Coop extension service	3,915	4,175
Subtotal, SDSU	35,487	37,456
SD School of Mines & Tech	8,394	8,884
Northern State U*	8,102	8,448
Black Hills State U*	5,918	6,303
Dakota State U*	4,457	4,773
Board Office	832	867
Utilities	2,354	2,474
Computer System	560	577
Subtotal, Board	3,746	3,918
Future Fund	1,374	600
Student loans & scholarships	479	529
Other	1,992	1,884
Postsecondary Vocational Educ	6,501	7,500
Less estimated tuition	- 19,891	- 20,527
Total	85,802	91,415

*FY1990: The Legislature changed the names from State Colleges to "Universities," without implying any changes in mission or status.

TENNESSEE

Table 42. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Tennessee.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90(R)	1990-91
(1)	(2)	(3)
University of Tennessee		
Knoxville	120,045	126,205
Chattanooga	26,012	26,371
Martin	19,449	20,206
Space Institute	4,253	4,474
Medical Units:		
College of Medicine	26,689	28,083
Family Medicine	3,086	3,003
UT Memphis	39,394	40,976
Ag Experiment Station	14,592	15,362
Ag extension service	17,466	18,392
Coll of Veterinary Medicine	9,108	9,512
Municipal Tech Advisory Ser	1,010	1,056
County Tech Advisory Service	728	764
Institute for Public Service	3,574	3,646
University-wide admin	2,032	2,121
Subtotal, UT,	287,438	300,171
Tennessee Board of Regents		
Board of Regents Universities		
Memphis State U	73,701	75,962
East Tennessee State U*	51,590	54,069
Middle Tennessee State U	42,330	45,487
Tennessee Technological U	32,012	33,260
Tennessee State U	24,663	25,028
Austin Peay State U	16,403	18,213
Subtotal, BRU	240,699	252,019
Two-Year Institutions		
State Tech at Memphis	12,819	13,842
Chattanooga	11,804	13,560
Shelby	9,855	10,542
Roane	8,750	10,010
Pellissippi	6,738	9,554
Walters	7,879	8,606
Nashville State Tech	8,055	8,390
Volunteer	6,850	7,386
Cleveland	6,184	6,490
Columbia	5,691	6,404
Jackson	5,837	6,237
Motlow	4,797	5,273
Northeast	4,065	4,720
Dyersburg	3,416	3,747
Subtotal, Two-Year's	102,740	114,761
Area Voc Tech Schools	25,102	26,094
Foreign Language Institute	145	192
Brd of Regents, admin	2,500	2,593
Subtotal, BofR System	371,186	395,659

(Continued in the next column)

TENNESSEE (Continued from the preceding column)

Higher Education Commission	1,393	1,384
Contract education**	2,257	2,282
Student Assistance Corp	13,397	14,784
Centers of Excellence	18,691	18,873
Vocational Improvements	926	375
Campus Centers of Emphasis	1,358	1,373
Instruction & Research Equip	9,700	6,000
Chairs of Excellence***	2,770	2,770
Academic Scholarships		150
Total	709,116	743,821
*Includes sums for:	(In $1,000s)	
ETSU College of Medicine	14,271	15,182
ETSU Family Practice	2,101	2,235

**Includes SREB and other contractual education programs administered by the Higher Education Commission.

***Earnings from the Chairs of Excellence Endowment which are attributed to state appropriations. The original investment was from state tax funds.

TEXAS

Table 43. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Texas.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90	1990-91
(1)	(2)	(3)
U of Texas at Austin	193,252	198,230
UT at Arlington	58,677	59,976
UT at El Paso	33,926	34,322
Pan American University	22,965	23,943
PAU at Brownsville	3,435	3,506
UT at Dallas	27,770	28,748
UT at San Antonio	28,229	29,158
UT at Tyler	8,839	9,116
UT at Permian Basin	6,708	6,835
UT Health Science Centers		
Houston	97,643	98,923
San Antonio	79,964	81,310
Dallas	65,778	66,745
Tyler	16,289	16,289
System Cancer Center	102,801	101,828
UT Medical, Galveston	177,860	179,098
System Administration	340	340
Subtotal, UT System	924,476	938,367

(Continued on the next page)

TEXAS (Continued from the preceding page)		
Texas A&M University	174,872	178,622
Ag experiment station	39,822	40,510
Ag extension service	34,398	35,499
Forest Service	9,303	9,366
Engineer exper station	6,599	6,999
Engineer exten service	3,259	3,434
Animal control service	2,346	2,393
Veterinary diag lab	3,342	2,137
Transportation inst	1,586	1,834
Prairie View A&M U	16,379	16,897
Tarleton State U	11,856	12,142
A&M U at Galveston	5,997	4,691
Texas A&I U	16,028	16,398
Corpus Christi St U	10,236	10,476
Laredo State U	3,782	3,858
System administration	340	340
Subtotal, A&M System	340,145	345,596
University of Houston	100,555	103,360
Clear Lake	15,521	15,925
Downtown	10,332	10,582
Victoria	3,456	3,767
System administration	1,350	1,350
Subtotal, U of H	131,214	134,984
Texas State U System		
Southwest Texas St U	41,549	43,000
Sam Houston St U	25,133	25,708
Angelo State U	11,956	12,245
Sul Ross State U	6,026	6,167
Sul Ross State U-Uvalde	858	875
System administration	375	375
Subtotal, TSU System	85,897	88,370
Lamar University System		
Beaumont	26,764	26,158
Orange	2,387	2,382
Port Arthur	3,406	3,484
System administration	375	375
Subtotal, LU	32,932	32,399
Texas Tech U	77,280	78,829
Health science ctr	42,740	43,311
Subtotal, TTU	120,020	122,140
U of North Texas	63,588	65,274
Texas Coll Osteopathy	24,331	24,363
Subtotal, U of NT	87,919	89,637
East Texas State U	18,558	18,981
ETSU at Texarkana	3,312	3,391
Subtotal, ETSU	21,870	22,372
Texas St Tech Inst	46,306	43,909
Texas Woman's U	31,074	31,727
Texas Southern U	23,854	24,474
Stephen Austin St U	27,254	27,668
West Texas St U	13,500	13,805
Midwestern State U	10,525	10,758
Fibers & Food Comm	1,450	1,451
National Research Lab	1,941	1,948
SREB	100	100
Higher Educ Fund	45,500	45,500

(Continued in the next column)

TEXAS (Continued from the preceding column)		
State aid to comm colls	512,064	510,375
Coordinating Board	9,465	8,734
Equalization grants	21,279	21,279
Baylor med & dental	45,217	45,217
Family prac residency	7,820	7,820
Resident physician	4,199	4,199
Tech research	40,514	
Advance research	20,761	
Incentive grant	1,500	1,500
Remedial ed	15,000	4,563
Other	492	450
Subtotal, CB	166,247	93,762
Total	2,624,288	2,579,342

UTAH

Table 44. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Utah.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90 (R)	1990-91
(1)	(2)	(3)
University of Utah	102,400	103,371
Medical programs	15,490	15,900
Research & public service	6,216	5,225
Subtotal, U of U	124,106	124,496
Utah State University	51,482	52,307
Agricultural programs	12,160	13,104
Research & public service	2,547	2,701
Subtotal, USU	66,189	68,112
Four Year Colleges		
Weber State College	32,372	34,453
Southern Utah State College	10,758	11,402
Subtotal, 4-yr	43,130	45,855
Two Year Colleges		
Snow College	5,913	6,254
Dixie College	6,309	6,619
College of Eastern Utah	5,593	6,003
Utah Tech Coll, Provo	12,824	13,992
Utah Tech Coll, Salt Lake	18,103	20,814
Subtotal, 2-yr	48,742	53,682
Brd of Regents & statewide		
Administration	8,343	1,962
Statewide programs	2,198	1,776
Subtotal, SBR & Statewide	10,541	3,738
Total	292,708	295,883

VERMONT

Table 45. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Vermont.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90	1990-91
(1)	(2)	(3)
University of Vermont	29,603	29,435
Educational TV*	1,164	1,135
Morgan Horse Farm	12	12
Subtotal, U of V	30,780	30,583
State Colleges	15,971	16,224
Student assistance corp	13,066	12,906
New England Higher Ed Compact	51	55
Higher Ed Planning Comm	37	37
Ed Commission of the States	31	25
Total	59,936	59,830

*Approximately 60 percent for elementary and secondary instructional programs.

VIRGINIA

Table 46. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Virginia.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90 (R)	1990-91
(1)	(2)	(3)
University of Virginia	119,125	116,876
Hospital Division	40,837	39,549
Clinch Valley Coll	4,659	4,708
Subtotal, U of V	164,621	161,133
VA Poly Inst & State U	111,102	110,166
Extension Division	31,567	31,101
Research Division	30,022	29,006
Subtotal, VPI & SU	172,691	170,273
VA Commonwealth U	114,873	112,595
Health Sci, hospital	51,063	57,379
Subtotal, VCU	165,936	169,974
College of William & Mary	32,862	31,059
Richard Bland Coll	2,681	2,796
VIMS	10,615	11,486
Subtotal, CW&M	46,158	45,341
Other Colleges and Universities		
George Mason U	55,525	57,357
Old Dominion U	48,836	48,288
James Madison U	33,294	31,336
Radford U	26,668	26,588
Norfolk State U	25,071	23,546
Virginia State U	15,389	15,024
Longwood College	11,167	11,001
Mary Washington College	10,664	10,390
Christopher Newport College	9,603	9,758
Virginia Military Inst	9,932	9,662
Subtotal, C's & U's	246,149	242,950
Community Colleges	183,358	182,547
Student Aid*	20,157	20,432
State Council of Higher Educ	3,584	3,806
Scholarship Assist (CSAP)	4,302	4,302
Tuition Assist (TAGP)	20,317	17,537
Work Study Program	1,600	1,650
Virginia Scholars Prog	549	540
Outstanding faculty program	65	59
Eminent scholars	5,500	5,264
Regional grants & contracts	452	454
Maintenance of excellence	1,229	1,149
Clinical faculty prog	100	0
Library services	137	124
Subtotal, SCHE	37,835	34,885
Other		
Eastern VA Med Auth (EVMA)	10,954	10,037
George C. Marshall Res Ctr	196	143
Innov Tech Auth	13,014	11,280
Melchers/Monroe memorials	185	197
Southeastern Univ Res Assoc	980	950
SREB	100	100
VCBA--equipment	21,000	21,175
VA Foundation-humanities	574	436
VA Inst of Sci Research	49	36
Univ of the 21st Century		1,258
VA Plan-Equal opportunity	5,319	4,787
Subtotal, Other	52,371	50,399
Total	1,089,276	1,077,934

*Includes appropriations made directly to higher education institutions for student aid as well as student aid to:

	(In $1,000s)	
Dept of Health	100	330
Dept of Rehab Services	225	
Dept of Military Affairs		449
EVMA	35	
Total	360	779

Note: Included in the statewide total are the following appropriations to private institutions:

Aid to students attending pvt or out-of-state insts	21,868	19,417
Non-state agencies	46,867	44,157
Total, private	68,735	63,574

(Continued in the next column)

WASHINGTON

Table 47. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Washington.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90	1990-91
(1)	(2)	(3)
University of Washington	242,331	256,062
Washington State U	138,169	146,356
Western Washington U	39,326	41,741
Eastern Washington U	35,384	37,005
Central Washington U	30,489	32,297
Evergreen State College	18,993	19,927
Community Colleges	259,758	274,528
Higher Ed. Coordinating Bd	25,933	32,315
Total	790,383	840,231

WEST VIRGINIA

Table 48. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in West Virginia.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90(R)	1990-91
(1)	(2)	(3)
State University System		
West Virginia University*	85,935	89,462
Medical center**	42,791	43,785
WVU at Parkersburg***	4,696	4,841
Subtotal, WVU,	133,422	138,088
Marshall University	28,853	30,195
School of Medicine	8,289	8,470
Subtotal, MU,	37,142	38,665
WV Coll of Graduate Studies	5,404	5,620
WV Sch of Osteopathic Med	4,987	5,097
Computer Support		1,538
System Office		225
Subtotal, SU Sys	180,955	189,233
State College System		
Fairmont State College	10,845	11,515
WV Institute of Tech	9,151	9,333
West Virginia State College	9,025	9,303
West Liberty State College	7,665	7,816
Shepherd College	6,940	7,268
Concord College	6,106	6,276
Glenville State College	5,148	5,309
Bluefield State College	4,938	5,150
WV Northern Comm Coll	3,897	4,030
Southern WV Comm Coll	3,639	3,823
Computer support		602
System office		256
Subtotal, St Coll Sys	67,354	70,681

(Continued in the next column)

WEST VIRGINIA (Continued from preceding column)

Other appropriations		
Central Office admin	1,205	1,006
Eminent Scholars Program	150	150
Higher Education Grant Prog	3,595	3,795
Tuition Contract Programs	681	606
Teacher scholarships	400	400
Subtotal, other	6,031	5,957
Less lottery funds	- 2,160	- 3,140
Total	252,180	262,731

*Includes Potomac State College, a two-year branch campus.

**Includes dedicated proceeds of soft drink tax, FY1989-90, $9,050,000; FY1990-91, $9,300,000.

***Formerly Parkersburg Community College.

WISCONSIN

Table 49. State tax-fund appropriations for the operating expenses of higher education for fiscal years 1989-90 and 1990-91 in Wisconsin.

(In thousands of dollars)

Institutions	Sums appropriated 1989-90	1990-91
(1)	(2)	(3)
University of Wisconsin System		
Doctoral Cluster		
Madison	250,424	264,492
University Hospitals	2,282	2,282
Subtotal, UW, Madison,	252,706	266,774
Milwaukee	82,026	87,406
Subtotal, doctoral,	334,732	354,180
University Centers		
Oshkosh	30,760	32,736
Eau Claire	30,269	32,593
Stevens Point	25,864	27,761
Whitewater	26,170	27,739
La Crosse	24,590	26,342
Stout	23,100	24,436
River Falls	17,655	19,227
Platteville	17,060	18,558
Parkside	15,699	16,407
Green Bay	14,654	15,470
Superior	9,615	10,274
Subtotal, U's,	235,436	251,543
Centers (2 year)	20,399	21,822
Extension	41,529	44,618
System Administration	8,529	8,901
Systemwide Programs	10,065	9,847
Subtotal, UW-system,	650,690	690,911
Voc, Tech, Adult Ed System	100,534	105,509
Medical College of Wisc	5,760	5,760
Higher Ed Aids Board	38,399	41,384
Total	795,383	843,543

WYOMING

Table 50. State tax-fund appropriations for the operating expenses of higher education for the undivided biennia, 1988-90 and 1990-92 in Wyoming.

(In thousands of dollars)

Institutions	Sums appropriated 1988-90	1990-92
(1)	(2)	(3)
University of Wyoming	152,771	155,754
Community Colleges	73,713	80,250
Comm Coll Commission	414	474
Subtotal, CC	74,127	80,724
WICHE	4,161	3,705
Higher ed computer network	1,307	1,254
Total	232,366	241,437

Note: The totals above are for the undivided biennia. Half of each is used in the summary table.

APPENDIX

Revisions: The data displayed below were received after the November first deadline; therefore, they were not included in the 50-state summary table, map, "Retrospective" report, or other tables, in this document.

PENNSYLVANIA

State tax-fund appropriations for the operating expenses of higher education for fiscal years 1988-89, 1989-90 and 1990-91 in Pennsylvania.

(In thousands of dollars)

Institutions	Sums Appropriated 1988-89	1989-90	1990-91
(1)	(2)	(3)	(4)
State-related Universities:			
Pennsylvania State U	216,405	232,278	234,222
Medical School	4,188	4,481	9,413
Subtotal, PSU	220,593	236,759	243,635
Temple University	115,781	123,167	127,912
Medical School	7,863	8,413	8,606
Subtotal, TU	123,644	131,580	136,518
U of Pittsburgh	107,706	122,671	127,357
Medical School	5,907	6,320	6,465
Subtotal, Pitt	113,613	128,991	133,822
Lincoln University	8,814	9,446	9,896
Tuition Challenge (est)		7,783	14,597
Subtotal, Commonwealth Segment	466,664	506,776	538,468
State System of Higher Ed*	319,594	345,282	367,876
Community Colleges (est)	95,641	97,344	106,037
Stevens State School of Tech	3,874	4,333	4,412
Private, State-aided Institutions:			
University of Pennsylvania	23,816	24,711	25,027
Medical School	4,295	4,596	4,596
School of Veterinary Med	7,481	8,005	8,005
Subtotal, U of P	35,592	37,312	37,628
Thomas Jefferson U	9,925	10,720	10,720
Drexel University	5,466	5,849	5,849
Phila Coll Osteopathic Med	5,240	5,607	5,607
Hahnemann Med College	5,571	6,061	6,161
Medical College of Penn	3,796	4,212	4,512
Penn College of Optometry	1,553	1,662	1,662
Penn Coll of Podiatric Med	1,191	1,269	1,369
The University of the Arts	1,047	1,120	1,120
Phila Coll of Tex & Science	522	559	559
Del Val Coll of Sci & Ag	438	624	659
Berean Training & Indust Sch	1,029	1,194	1,194
Johnson School of Technology	195	209	209
Williamson Sch Mech Trades	97	76	76
Subtotal, Pvt, State-aided,	71,662	76,474	77,325
Other Higher Education Aid:			
Penn Higher Ed Scholarships	116,160	127,780	140,558
Institutional Assist Grants	24,043	26,447	29,092
Student Aid-Matching Grants	6,350	6,350	6,350
Equal Oppor Prof Education	750	750	750
Computer Training	2,769	2,880	2,880
Loan Forgiveness	1,000	2,049	2,922
Higher Ed for Disadvantaged	6,899	7,175	7,497
Ed at Correctional Insts	82	117	122
Higher Ed-Rural Initiatives	1,245	375	254
College of Physicians	100	100	100
Rural Postsec Ed Improvement			150
Higher Education Equipment	14,100	6,602	5,000
Interdepart Transfers (est)	146,510	147,250	148,723
Subtotal, other	320,258	328,125	344,648
Total	1,277,693	1,358,334	1,438,766

*Unrevised from earlier reports